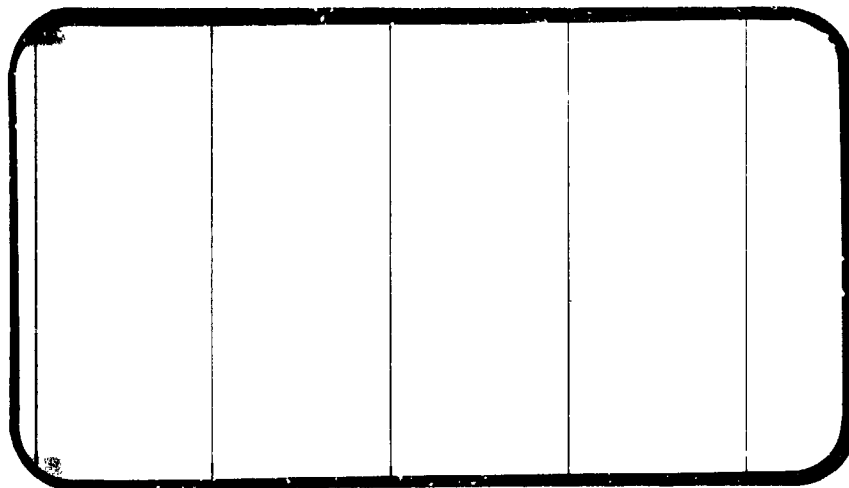




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JOHNSON SPACE CENTER

HOUSTON, TEXAS

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SPACE DIVISION



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INVESTIGATION OF SPACE SHUTTLE ORBITER
SUBSONIC STABILITY AND CONTROL CHARACTERISTICS
IN THE NAAL LOW SPEED WIND TUNNEL (OA62B)
VOLUME II

by

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Rockwell International/Space Division

Prepared under NASA Contract Number NAS9-13247

by

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for

Engineering Analysis Division
Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS

Test Number: NAAL 717
NACA Series Number: OA62B
Test Dates: 14 November through 6 December 1973
Model Number: 45-0

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INVESTIGATION OF SPACE SHUTTLE ORBITER
SUBSONIC STABILITY AND CONTROL CHARACTERISTICS
IN THE NAAL LOW SPEED WIND TUNNEL (OA62B)

By Robert Mennell and Terrance Hughes
Rockwell International Space Division

ABSTRACT

Experimental aerodynamic investigations were conducted on a sting-mounted 0.0405-scale representation (model 43-0) of the 140A/B Space Shuttle Orbiter in the Rockwell International 7.75- by 11-Foot Low Speed Wind Tunnel during the time period from 14 November 1973 to 6 December 1973. The NASA designation for this test period was OA62B.

The primary test objectives were to establish basic longitudinal stability characteristics in and out of ground effect as well as lateral-directional stability characteristics in free air.

Two dual podded nacelle configurations (ABPS) were also tested, one with three dual podded nacelles on the lower wing surface at fuselage station 950. This configuration was tested in and out of ground effect. The other ABPS configuration included a single dual nacelle on the lower centerline and another dual nacelle pylon mounted above each wing. The overwing nacelle/pylon was toed in 5 degrees toward the model centerline and the nacelle was rotated 7 degrees nose down. This configuration was tested in ground effect only.

Stability and control characteristics were investigated at nominal

elevon deflections of 0° , 5° , 10° , 15° , -5° , -10° , -15° , -20° , -30° and -40° ; rudder deflections of 0° , -7.96° and -16.22° ; aileron deflections of 0° , $+5^\circ$, $+10^\circ$, $+15^\circ$ and -5° used in conjunction with elevon deflections of 0° , $+5^\circ$, $+10^\circ$, -5° , -10° and -15° ; rudder flare angles of 0° , 25° , 40° , 55° and 85° ; and body flap deflections of 0° , -11.7° , $+16.3^\circ$ and $+22.5^\circ$.

The effects of various elevon and elevon/fuselage gaps on longitudinal stability and control were also investigated. Additional configurations tested included Reynolds number effect, boundary layer transition grit on and off, elliptical wing leading edge on the 45° swept portion of the wing, cargo bay door gaps and hinges, OMS pod gaps, vertical tail gaps and flow visualization.

Pressure bugs were used to determine pressures on the vertical tail at spanwise stations of $\eta = 0.1228$, 0.500 and 0.878 and chordwise stations of $x/c = 0.05$, 0.15 , 0.25 , 0.45 , 0.55 , 0.65 , 0.75 , and 0.90 . These were installed at 0° and 25° rudder flare angles. An additional survey was made at 0° flare angle and OMS pods off. Rudder hingeline radii of 2.09 and 4.94 inches were investigated along with a 6.12 -inch radius contour on the rudder. Additional inputs to lateral-directional stability which were tested included a straight leading edge on the vertical tail and recontouring of the vertical tail airfoil section to a biconvex section.

Aerodynamic force and moment data were measured in the stability axis system by an internally mounted, six-component strain gage balance (MK IX, 2.5 -inch diameter). The model was sting-mounted with the center of rotation located at the trailing edge of the wing. The nominal angle of attack (α)

range was from -4° to $+30^{\circ}$. Yaw polars were recorded over a sideslip angle (β) range of -10° to $+10^{\circ}$ at fixed angles of attack of 0° , 5° , 10° , 15° and 20° .

This report is published in two volumes. Volume I contains Data Figures 4 through 71. Volume II contains Data Figures 72 through 128 and the Tabulated Source Data.

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Note: See next page for Plotted Coefficients Schedule.

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SCHEDULE OF COEFFICIENTS PLOTTED:

- (A) CL, CN, CAF, CAB, CDF, CLM, XCP/L, LF/DF versus ALPHA
CL versus CLM
CL versus CDF
DCL, DCDF, DCLM, DCA, DCN versus DELVON
- (B) CL, CN, CAF, CAB, CDF, CLM, XCP/L, LF/DF versus ALPHA
CL versus CLM
CL versus CDF
- (C) DCL, DCDF, DCLM versus H/BW
- (D) CY, CYN, CBL versus BETA
CYNBET, CBLBET, CYBETA versus ALPHA
- (E) CY, CYN, CBL versus ALPHA
DCY, DCYN, DCBL, DCA, DCN versus AILRON
- (F) CL, CDF, CLM versus ALPHA
DCL, DCDF, DCLM, DCA, DCN versus BDFLAP
- (G) CL, CDF, CLM versus ALPHA
DCL, DCDF, DCLM, DCA, DCN versus SPDBRK
CY, CYN, CBL versus ALPHA
DCY, DCYN, DCBL versus SPDBRK
- (H) CL, CDF, CLM, CY, CYN, CBL versus ALPHA
DCY, DCYN, DCBL, DCA, DCN versus RUDDER
- (I) CY, CYN, CBL versus BETA
- (J) DCL, DCDF, DCLM, DCA versus DELVON

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L_f/D_f	LF/DF	forebody lift-to-drag ratio C_{L_f}/C_{D_f}

NOMENCLATURE
General

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C _p	CP	pressure coefficient; $(p_l - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m ² , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m ² , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m ³ , slugs/ft ³

Reference & C.G. Definitions

A _b		base area; m ² , ft ²
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
\bar{l}_{REF} \bar{c}	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m ² , ft ²
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)
Additions To Standard Nomenclature

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Description</u>
ABPS		air breathing propulsion system
A_{BC}		balance cavity area, ft^2
$C_{A_{BC}}$		balance cavity axial-force coefficient
C_{A_N}		nacelle internal duct drag axial-force coefficient correction
C_{A_T}		model weight tare axial-force coefficient correction
C_{m_N}		nacelle internal duct drag pitching-moment coefficient correction
C_{m_u}		balance measured pitching-moment coefficient
Flare	SPDBRK	speed brake deflection angle, degrees
h/b_w	H/BW	distance between wing trailing edge and ground plane, fraction of wing span
P_{BC}		balance cavity pressure, psia
δ_a	AILRON	aileron deflection angle, degrees
δ_e	ELEVON	elevon deflection angle, degrees
δ_{e_L}	ELEV-L	left elevon deflection angle, degrees
δ_{e_R}	ELEV-R	right elevon deflection angle, degrees
δ_f	δ DFLAP	body flap deflection angle, degrees
δ_R	RUDDER	rudder deflection angle, degrees

NOMENCLATURE (Concluded)

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Description</u>
XCP/ ℓ	XCP/L	longitudinal center of pressure location; fraction of body length.
ΔC_A	DCA	incremental axial force coefficient, algebraic difference of two runs.
ΔC_{D_F}	DCDF	incremental forebody drag coefficient, algebraic difference of two runs.
ΔC_{L_l}	DCL	incremental lift coefficient, algebraic difference of two runs.
ΔC_m	DCLM	incremental pitching moment coefficient, algebraic difference of two runs.
ΔC_N	DCN	incremental normal force coefficient, algebraic difference of two runs.
ΔC_{ℓ}	DCBL	incremental rolling moment coefficient, algebraic difference of two runs.
ΔC_Y	DCY	incremental side force coefficient, algebraic difference of two runs.
ΔC_n	DCYN	incremental yawing moment coefficient, algebraic difference of two runs.
C_{Y_β}	CYBETA	derivative of side force coefficient with respect to beta (beta = $\pm 5^\circ$); per degree, body axis system.
C_{n_β}	CYNBET	derivative of yawing moment coefficient with respect to beta (beta = $\pm 5^\circ$); per degree, body axis system.
C_{ℓ_β}	CBLBET	derivative of rolling moment coefficient with respect to beta (beta = $\pm 5^\circ$); per degree, body axis system.

CONFIGURATIONS INVESTIGATED

The model used for this test period was an 0.0405-scale representation of the Rockwell International 140A/B Space Shuttle Orbiter. The basic model is of the blended wing-body design utilizing a double delta wing ($75^\circ/45^\circ \Lambda_{L.E.}$), full span elevons (unswept hingeline), a centerline vertical tail with rudder and/or speed brake capability, a canopy, and an orbital maneuvering system (OMS). To test the orbiter in the ferry mission configuration, the OMS pods are removed and air breathing engines are located in various number/location combinations on the wing and fuselage.

During the air breathing propulsion system (ABPS) testing, the left hand engine pod was instrumented with an 8 tube static pressure and 17 tube total pressure rake located at each engine face station. This pressure instrumentation was used to determine engine pressure recovery and to check on the repeatability of nacelle inlet assembly.

For this test period the following nomenclature was used to designate the various model components:

<u>Component</u>	<u>Description</u>
B ₂₆	-140A/B fuselage
B ₅₂	B ₂₆ with simulated cargo bay door gaps added
B ₅₃	B ₅₂ with simulated cargo bay door hinges added
C ₉	-140A/B canopy
G ₁₅	Main and nose landing gear plus doors

M ₇	-140A/B orbital maneuvering system (OMS)
M ₅₀	M ₇ with simulated gap
F ₈	-140A/B Orbiter body flap
W ₁₁₆	-140A/B Double delta wing (75°/45° _{L.E.})
W ₁₂₂	W ₁₁₆ with elliptical lower surface L.E. on 45° sweep portion of wing
E ₂₆	-140A/B Solid elevon used on wing W ₁₁₆
E ₂₈	Elevon with midspan and elevon/fuselage baseline "Grumman" gap
E ₂₉₋₃₆	Elevons with various combinations of midspan and elevon/fuselage gaps. See Model Dimensional Data
J ₄₃	Air Breathing Propulsion System (ABPS) consisting of three underwing pylon mounted dual podded nacelles located at Fuselage Station 950
J ₆₂	Air Breathing Propulsion System (ABPS) consisting of a single centerline lower wing surface dual nacelle (FS 950) and a pylon-mounted dual nacelle above each wing (FS 1050)
V ₈	-140A/B vertical tail
V ₉	V ₈ with vertical tail/rudder thermal expansion gap open
V ₁₂	Vertical tail used with rudder hingeline modification R ₇
V ₁₃	Vertical tail used with rudder hingeline modification R ₈
V ₁₄	Vertical tail used with rudder hingeline modification R ₉
V ₁₅	Vertical tail used with rudder R ₁₀ modification

V ₁₆	Same as V ₈ except L.E. of vertical tail is extended forward at the vertical/fuselage intersection
V ₁₇	Same as V ₈ except contour forward of the rudder hingeline is modified to a biconvex section
R ₅	-140A/B rudder used on vertical tail V ₈
R ₇	Same as R ₅ except for 2.09 inch radius at rudder hingeline
R ₈	Same as R ₅ except for 4.94 inch radius at rudder hingeline
R ₉	Same as R ₅ except for 6.12 inch radius from rudder hingeline to rudder TE
R ₁₀	Same as R ₉ except the 6.12 inch radius is on the entire vertical aft of the rudder hingeline
X ₉	Transition grit composed of glass beads located aft of all swept surfaces and model nose
X ₁₀	Same as X ₉ except also added to ABPS nacelles

TEST FACILITY DESCRIPTION

The North American Aerodynamics Laboratory (NAAL) 7.75- by 11-Foot Wind Tunnel is a continuous flow, closed circuit, single return type tunnel capable of speeds up to 200 miles per hour. The test section is vented to atmospheric pressure and is 7.75 x 11 feet wide by 12 feet in length. Power is supplied by a 1250 horsepower nacelle-mounted synchronous motor driving a 19 foot, seven blade, laminated birch propeller. The airspeed is controlled by varying the degree of coupling between the motor and propeller by means of a magnetic clutch. A damping screen and honeycomb section in the settling chamber upstream from the contraction cone (ratio 7.53 to 1) minimizes turbulence in the test section. The NAAL Wind Tunnel has been in operation since June 1943 and calibrations are available over a wide range of test conditions.

Tests may be conducted using a variety of mounting systems; e.g., a single strut, double strut, sting strut, reflection plane, cable suspension, and two dimensional wall. Aerodynamic data may be measured by a planar type external balance system or sting mounted internal balances. An Astro-data Automatic Data Acquisition System is used to collect, multiplex, digitize, and record 50 channels of force and/or pressure data on magnetic tape. This data is then rapidly reduced and plotted using automatic data processing equipment and an automatic digital plotter.

DATA REDUCTION

The aerodynamic force and moment data presented were measured by the Task Corporation 2.5-inch MK IX strain gage balance. The data have been corrected for model base and balance chamber pressure effects, nacelle internal drag, model blockage influence on tunnel dynamic pressure, wall interference effects, sting and balance deflections, and model weight tare.

The corrections made to axial force were accomplished in the following manner:

$$C_{A_F} = C_A - C_{A_{BC}} - C_{A_B} - C_{A_N} - C_{A_T}$$

where

$$C_{A_{BC}} = - \left(\frac{P_{SC} - P_o}{q} \right) \left(\frac{A_{DC}}{S_w} \right)$$

$$C_{A_B} = - \left(\frac{P_B - P_o}{q} \right) \left(\frac{A_B}{S_w} \right), \quad P_B = 1/5 (P_{B1} + \dots + P_{B5})$$

C_{A_N} = nacelle internal drag correction

C_{A_T} = model axial force weight tare

CONFIG.	C_{A_N}
J ₄₃	.002468
J ₆₂	.002449

The correction made to pitching moment to account for the nacelle internal drag was as follows:

$$C_m = C_{m_u} + C_{m_N}$$

where:

C_{m_u} = uncorrected pitching moment

C_{m_N} = nacelle internal drag correction

CONFIG.	C_{m_N}
J_{43}	0.00069
J_{62}	0.00012

The following reference dimensions were used for reducing all aerodynamic data to coefficient form:

<u>Symbol</u>	<u>Definition</u>	<u>Value</u>
A_B	Area of base (OMS on), ft ²	0.594
A_B	Area of base (OMS off), ft ²	0.440
A_{BC}	Area of balance cavity, ft ²	0.0985
S_w	Area of wing, ft ²	4.412
XMRP	Center of gravity, fus. sta., in	43.5974
ZMRP	Center of gravity, waterplane, in	15.1875
L_B	Length of orbiter body, in	52.257
$\bar{c}_w(LREF)$	Wing MAC, in	19.230
$b_w(BREF)$	Wing span, in	37.936

TABLE I.

[illegible]

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TABLE II. - Continued.

TEST: CAG2B NANL 111		DATA SET/RUN NUMBER COLLATION SUMMARY												DATE: 27 NOV 73			
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES										NO. OF RUNS	MACH NUMBERS		
		G	B	δ ₃	δ ₄	δ ₅	δ ₆	δ ₇	δ ₈	δ ₉	δ ₁₀	δ ₁₁	δ ₁₂		19	20	
C2019	B ₂ C ₁ G ₁ S ₁ M ₁ F ₁ W ₁ E ₁ D ₁ S ₁ X ₁	A	O	0											1		
C20		A	I														
C21		C															
C22	E ₂																
C23	E ₃																
C24	L ₂																
C25	E ₂																
C26	E ₂																
C27	E ₂																
C28	E ₂																
C29	E ₂																
C30																	
C31																	
C32																	
C33																	
C34																	
C35		D															
C36		D															
SCHEDULES		α(A) = -4°, -2°, -1°, 0°, 1°, 2° → 30°, Δα = 2° α(C) = 3°, 4° → 30°, Δα = 2° α(D) = 11°, 12° → 30°, Δα = 2°												MACH		TEST RUN NUMBERS	
COEFFICIENTS		C ₁ C ₂ C ₃ C ₄ C ₅ C ₆ C ₇ C ₈ C ₉ C ₁₀ C ₁₁ C ₁₂ C ₁₃ C ₁₄ C ₁₅ C ₁₆ C ₁₇ C ₁₈ C ₁₉ C ₂₀ C ₂₁ C ₂₂ C ₂₃ C ₂₄ C ₂₅ C ₂₆ C ₂₇ C ₂₈ C ₂₉ C ₃₀ C ₃₁ C ₃₂ C ₃₃ C ₃₄ C ₃₅ C ₃₆															
FLAP		C ₁ C ₂ C ₃ C ₄ C ₅ C ₆ C ₇ C ₈ C ₉ C ₁₀ C ₁₁ C ₁₂ C ₁₃ C ₁₄ C ₁₅ C ₁₆ C ₁₇ C ₁₈ C ₁₉ C ₂₀ C ₂₁ C ₂₂ C ₂₃ C ₂₄ C ₂₅ C ₂₆ C ₂₇ C ₂₈ C ₂₉ C ₃₀ C ₃₁ C ₃₂ C ₃₃ C ₃₄ C ₃₅ C ₃₆															
MACH		C ₁ C ₂ C ₃ C ₄ C ₅ C ₆ C ₇ C ₈ C ₉ C ₁₀ C ₁₁ C ₁₂ C ₁₃ C ₁₄ C ₁₅ C ₁₆ C ₁₇ C ₁₈ C ₁₉ C ₂₀ C ₂₁ C ₂₂ C ₂₃ C ₂₄ C ₂₅ C ₂₆ C ₂₇ C ₂₈ C ₂₉ C ₃₀ C ₃₁ C ₃₂ C ₃₃ C ₃₄ C ₃₅ C ₃₆															
TEST RUN NUMBERS		C ₁ C ₂ C ₃ C ₄ C ₅ C ₆ C ₇ C ₈ C ₉ C ₁₀ C ₁₁ C ₁₂ C ₁₃ C ₁₄ C ₁₅ C ₁₆ C ₁₇ C ₁₈ C ₁₉ C ₂₀ C ₂₁ C ₂₂ C ₂₃ C ₂₄ C ₂₅ C ₂₆ C ₂₇ C ₂₈ C ₂₉ C ₃₀ C ₃₁ C ₃₂ C ₃₃ C ₃₄ C ₃₅ C ₃₆															

TABLE II. - Continued.

TEST: CAGCE

DATE: 27 NOV 73

DATA SET / RUN NUMBER COLLATION SUMMARY

TEST RUN NUMBERS

DATA SET IDENTIFIER	CONFIGURATION	SCMD:		PARAMETERS/VALUES										NO. OF RUNS	MACH NUMBERS	
		A	B	H/DW	δF	δA	δL	δR	δE	FUSE						
RZC37	B28G618M7FEM116 EngAVEBx9	D	C	.068	11.7	C	-20	-20	O	25			1	37		
O38							-15	-15						38		
O39							-10	-10						39		
O40							-5	-5						40		
O41							+15	+15						41		
O42							+10	+10						42		
O43							+5	+5						43		
O44							O	O						44		
O45		E		.035										45		
O46	E26													46		
O49	E28													49		
O50							+5	+5						50		
O51							+10	+10						51		
O52							+15	+15						52		
O53	E26						+15	+15						53		
O54	E26						+5	+5						54		
O55	E28						-5	-5						55		
O56	E28						10	-10						56		

CH

KDF

ELM

CA

CAF

GA

GAF

GY

XGP

LIGAB

MACH

PETA

RETA

α OR β

SCHEDULES

α(E) = 16' → 30', Δα = 2°

α(F) = 11' → 30', Δα = 2°

COEFFICIENTS

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TABLE II. - Continued.

TEST: CAG62E

DATE: 27 NO 70

DATA SET/RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCMD.		PARAMETER 15/VALUES										NO. OF RUNS	MACH NUMBERS	
		α	β	h/h_0	δF	δa	δc_L	δc_C	δc	ILAGE	α	β				
057	B ₂ C ₆ G ₄ S ₁ M ₇ F ₈ M ₁₁ L ₂ 6/ADE ₁ NO	E	0	0.035	11.7	0	-10	-10	0	25	1	20				
058	EZE						-15	-15				57				
059							-20	-20				58				
060							-30	-30				59				
061							-40	-40				60				
062	B ₂ C ₆ G ₄ S ₁ M ₇ F ₈ M ₁₁ L ₂ 6/ADE ₁ NO						0	0				61				
063							0	0		0		62				
064							+15	+15				63				
065							-10	-10				64				
066							-20	-20				65				
067		C		0.125			-20	-20				66				
068							-10	-10				67				
069							+15	+15				68				
070							0	0				69				
071					22.5							70				
072		A		265	22.5							71				
073					-11.7							72				
074					-11.7							73				
075							+15	+15				74				

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057 058 059 060 061 062 063 064 065 066 067 068 069 070 071 072 073 074

057 058 059 060 061 062 063 064 065 066 067 068 069 070 071 072 073 074

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TABLE II. - Continued.

TEST: CAC2B NAAL 717		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 27 NOV 73	
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS/VALUES										NO. OF RUNS	MACH NUMBERS
		SCMD.	α	β	h/bw	δF	δa	δL	δR	δC	FLAGE		
C75	B2C6M7F8J43VWUE5V8S4	A	O	O	285	-11.7	O	-10	-10	C	C	1	75
C76								-20	-20				76
C77								O	O				77
C78													78
C79													79
C80													80
C81													81
C82													82
C83													83
C84													84
C85													85
C86													86
C87													87
C88													88
C89													89
C90													90
C91													91
C92													92
TEST RUN NUMBERS													
7 13 19 25 31 37 43 49 55 61 67 73 76 CDEFGH IJKLMN OPQRST UVWXYZ COEFFICIENTS α(A) = -4, α(1,2) = 30, α(2) β(A) = -10, β(1,2) = 2 SCHEDULES													

TABLE II. - Continued.

TEST: OAGCB NAAL 7:7										DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 27 NOV 73	
DATA SET IDENTIFIER		CONFIGURATION		SCHD.		PARAMETERS/VALUES						NO. OF RUNS		MACH NUMBERS		TEST RUN NUMBERS					
A	B	A	B	A	B	CF	CA	CE	CE	CE	CE	FUSE	A	B	A	B					
0003	BAGM7FBW10E28V6S X6	10	A			-11.7	0	0	0	0	0	25	1		93						
004		15													94						
005		20													95						
006		A	O												96						
007															97						
008															98						
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101															101						
102															102						
103															103						
104															104						
105	BAGM7FBW10E28V6S X6														105						
106															106						
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TABLE II. - Continued.

TEST: CAG2B NAAL 717										DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 27 NOV 73	
DATA SET IDENTIFIER	CONFIGURATION	SCMD.		PARAMETERS/VALUES							NO. OF RUNS	MACH NUMBERS		TEST RUN NUMBERS							
		A	B	δF	δ1	δL	δC2	δC	FLARE												
R07E 111	P28 G7 M7 F3 W16 E28 V8 S7 N	A	C	-11.7	C	-5	-5	C	25	1		.20									
112						+15	+15					111									
113	E26					+15	+15					112									
114	E28					+10	+10					113									
115						+5	+5					114									
116	E26					+5	+5					115									
117	E28					0	0					116									
118		-5	A									117									
119		0										118									
120		5										119									
121		10										120									
122		15										121									
123		20										122									
124	E26	A	O									123									
125		C	A									124									
126		5										125									
127		10										126									
128		15										127									
												128									
COEFFICIENTS																					
α OR β		α(A) = -4.2, 1, 0, 1, 2 → 30, ΔA = 2																			
SCHEDULES		β(A) = -10 → +10, ΔB = 2																			
ALPHA BETA																					
MACH 10.0 11.0 12.0 13.0 14.0 15.0 16.0 17.0 18.0 19.0 20.0 21.0 22.0 23.0 24.0 25.0 26.0 27.0 28.0 29.0 30.0																					

TABLE I. - Continued.

TEST: CAG6CB

NAAL 117

DATE 27 NOV 73

DATA SET/RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCMD.		PARAMETERS/VALUES							NO. OF RUNS	MACH NUMBERS	
		α	β	δF	$\delta \alpha$	$\delta \epsilon_L$	$\delta \epsilon_R$	δR	FLARE				
CDZ129	B2G6M7B1W10E2B1B5X9	20	A	-11.7	0	C	C	0	25	1	129		
130	E2B	A	0			0	-30				130		
131						+5	-25				131		
132						+5	-5				132		
133						+10	-10				133		
134						+15	-15				134		
135				0		0	0				135		
136				16.3							136		
137				22.5							137		
138				-11.7					40		138		
139		0	A								139		
140		5									140		
141		10									141		
142		15									142		
143		20									143		
144		A	0						65		144		
145		C	A								145		
146		5	A								146		

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CDZ129

B2G6M7B1W10E2B1B5X9

E2B

A

0

C

C

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CDZ129

B2G6M7B1W10E2B1B5X9

E2B

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CDZ129

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CDZ129

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TABLE II. - Continued.

TEST: 0A62E		NAAL 717		DATA SET/RUN NUMBER COLLATION SUMMARY												DATE: 24 NOV 73	
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES										NO. OF RUNS	MACH NUMBERS		TEST RUN NUMBERS
		α	β	δF	δG	δL	δR	δQ	FLARE	δQ	δR	δQ	δR				
R DZ183	B ₂ G ₉ M ₇ F ₈ W ₁₄ E ₂₈ V ₈ B ₅ X ₉	0	A	-11.7	0	0	0	0	-16.22	40				1	183		
184		5													184		
185		10													185		
186		15													186		
187		20													187		
188		A	0						-7.96	25					188		
189		0	A												189		
190		5													190		
191		10													191		
192		15													192		
193		20													193		
194		A	0						-16.22						194		
195		0	A												195		
196		5													196		
197		10													197		
198		15													198		
199		20													199		
200	B ₂ G ₉ M ₇ F ₈ W ₁₄ E ₂₈ V ₈ B ₅	A	0						0	25					200		
13 19 25 31 37 43 49 55 61 67 75 71																	
CDF CEM CN CAF CYN CEL CY XCP/L CAE MAC ALPHA																	
SCHEDULES $\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2$																	
$\beta(A) = -10 \rightarrow +10, \Delta\beta = 2$																	
10 (AR 11) (AR 12) 11																	

TABLE II. - Continued.

TEST: OA628 NAAL 717															DATE: 27 NOV 73														
DATA SET/RUN NUMBER COLLATION SUMMARY																													
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES								NO. OF RUNS	MACH NUMBERS																
		α	β	δF	δa	δc_L	δc_E	δc	FLARE																				
RDZ 201	B26G9M7F8W116E28V8X9	A	O			-11.7	O	O	C	C	25	1		.20	.16	201													
202	B26G9M7W116E28V8X9	A	O																										
203		O	A																										
204		5																											
205		10																											
206		15																											
207		20																											
208	B26G9F8W116E28V8X9	A	O			-11.7																							
209		C	A																										
210		5																											
211		10																											
212		15																											
213		20																											
214	B26G9F8W116E28X9	A	O																										
215		O	A																										
216		5																											
217		10																											
218		15																											
TEST RUN NUMBERS																													
1	7	13	19	25	31	37	43	49	55	61	67	73	79																
CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB	MACH																			
COEFFICIENTS																													
α OR β		$A(A) = -4, C = 1, O = 1, 2 \rightarrow 30, N = 2$																											
SCHEDULES		$B(A) = -10 \rightarrow 10, \Delta B = 2$																											

TABLE II. - Continued.

TEST: CA62B NANL 717										DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 27 NOV 73									
DATA SET IDENTIFIER		CONFIGURATION		SCHD:		PARAMETERS/VALUES							NO. OF RUNS		MACH NUMBERS														
				α β		δF	δJ	δL	δT	δC	FLAGE																		
RDZ 219		B26G5F3W116E28X		20 A		-11.7	C	O	O			1		.20															
220		B26G5M7F8W116E28X		A C										.20															
221				C A										.21															
222				5										.22															
223				10										.23															
226				15										.26															
225				20										.25															
227		B26G5M7F8W116E28V85X9		A O				-5	-5	O	O			.27															
228				A O				O	O					.28															
229				O A										.29															
230				5										.30															
231				10										.31															
232				15										.32															
233				20										.33															
240				A O							25			.40															
241								+5	+5					.41															
242		E29						+5	+5					.42															
244								-10	-10					.44															
TEST RUN NUMBERS																													
1	7	13	19	25	31	37	43	49	55	61	67	73	75																
SCHEDULES														MACH															
COEFFICIENTS														MACH															
$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2$														MACH															
$\beta(A) = -10 \rightarrow +10, \Delta\beta = 2$														MACH															
SCHEDULES														MACH															
COEFFICIENTS														MACH															
α OR β														MACH															
SCHEDULES														MACH															
COEFFICIENTS														MACH															
$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2$														MACH															
$\beta(A) = -10 \rightarrow +10, \Delta\beta = 2$														MACH															
SCHEDULES														MACH															
COEFFICIENTS														MACH															
α OR β														MACH															
SCHEDULES														MACH															
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SCHEDULES														MACH															
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α OR β														MACH															
SCHEDULES														MACH															
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$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2$														MACH															
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α OR β														MACH															
SCHEDULES														MACH															
COEFFICIENTS														MACH															
$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2$														MACH															
$\beta(A) = -10 \rightarrow +10, \Delta\beta = 2$														MACH															
SCHEDULES														MACH															
COEFFICIENTS														MACH															
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COEFFICIENTS														MACH															
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$\beta(A) = -10 \rightarrow +10, \Delta\beta = 2$														MACH															
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COEFFICIENTS														MACH															
α OR β														MACH															
SCHEDULES														MACH															
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SCHEDULES														MACH															
COEFFICIENTS														MACH															
α OR β														MACH															
SCHEDULES														MACH															
COEFFICIENTS														MACH															
$\alpha(A) = -4, -2, -1, 0, 1, 2$																													

TABLE II. - Continued.

TEST : OAC2B				NNAAL 717				DATA SET/RUN NUMBER COLLATION SUMMARY												DATE : 10 DEC 73																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE II. - Continued.

TEST: OAC2B NADL 717

DATE: 10 DEC 73

DATA SET/RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES						NO. OF RUNS	MACH NUMBERS		
		α	β	δF	$\delta \alpha$	$\delta \beta$	$\delta \gamma$	$\delta \epsilon$	$\delta \zeta$				
264	B20G M7 F6 W116 E36 V8 D5 X9	0	A	-11.7	0	0	0	0	0	25	1		264
265		5											265
266		10											266
267	B20G M7 F6 W116 E36 V8 D5 X9	A	O										267
268		O	A										268
269		5											269
270		10											270
271		15											271
272		20											272
273	B20G M7 F6 W116 E36 V8 D5 X9	A	O										273
274		O	A										274
275		5											275
276		10											276
277		15											277
278		20											278
279	B20G M7 F6 W116 E36 V8 D5 X9	A	O										279
280		O	A										280
281		5	A										281

CLM CDF CDM CN CAF CYN CBL CYP XCP/L CAB MACH

7 13 19 25 31 37 43 49 55 61 67 75 76

TEST RUN NUMBERS

57 61 67 75 76

COEFFICIENTS

$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2^\circ$

$\beta(A) = -10 \rightarrow +10, \Delta\beta = 2^\circ$

α or β

SCHEDULES

ALPHA

BETA

TABLE II. - Continued.

TEST: OA62B NAAL 717		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 10 DEC 73	
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES							NO. OF RUNS	MACH NUMBERS	
		α	β	δF	δ_3	δ_2	δ_1	δR	FLAGE				
RDZ 282	B5BGM50F8W16E2A16D5X9	10	A	-11.7	0	0	0	0	25		1		282
283		15											283
284		20											284
285	B26GM7F8W16E2A16D5X9	A	0										285
286		0	A										286
287		5											287
288		10											288
289		15											289
290		20											290
291	B26GM7F8W16E2A16D5X9	A	0										291
292		0	A										292
293		5											293
294		10											294
295		15											295
296		20											296
297	B26GM7F8W16E2A16D5X9	A	0										297
298		0	A										298
299		5	A										299
TEST RUN NUMBERS													
1	7	13	19	25	31	37	43	49	55	61	67	73	79
CL	CDE	ICLM	CN	CAF	CYN	CBL	CY	XCP/L	GAB	MACH	ALPHA	BETA	
COEFFICIENTS													
$\alpha(A) = -4, -2, -1, 0, +2, +3, 0, \Delta\alpha = 2^\circ$													
$\beta(A) = -10, -10, +10, \Delta\beta = 2^\circ$													
SCHEDULES													

TABLE II. - Continued.

TEST: OAG2B NAAL 717										DATA SET/RUN NUMBER COLLATION SUMMARY										DATE 10 DEC 73									
DATA SET IDENTIFIER		CONFIGURATION		SCHD.		PARAMETERS/VALUES										NO. OF RUNS		MACH NUMBERS											
				α	β	δF	δa	$\delta \alpha_L$	$\delta \alpha_R$	δR	FUSE																		
R2Z 300	B26G M7 F8 W116 E28 V8 R5 X9	10	A			-11.7	0	0	0	C	0	1			300														
301		15													301														
302		20													302														
303	B26G9 F8 W116 E28 V8 R5 X9	A	O												303														
304		O	A												304														
305		5													305														
306		10													306														
307		15													307														
308		20													308														
309	B26G9 M7 F8 W116 E28 V8	A	O												309														
310	+ R5 X10					22.5									310														
311						-11.7		+15	+15						311														
312								-10	-10						312														
313								-20	-20						313														
314	B26G9 M7 F8 W122 E28 V8 R5 X9							0	0		25				314														
315		O	A												315														
316		5													316														
317		10													317														
TEST RUN NUMBERS																													
1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91														
CH	GDF	ICLM	CM	CAF	GN	CBH	CY	ICP/L	GAB	MACH	ICVAR (1)	ICVAR (2)	ICVAR (3)	ICVAR (4)	ICVAR (5)														
COEFFICIENTS																													
OR β		$\alpha(A) = -4, -2, -1, 0, 1, 2 \rightarrow 30, \Delta\alpha = 2^\circ$																											
SCHEDULES		$\beta(A) = -10 \rightarrow +10, \Delta\beta = 2^\circ$																											

TABLE II. - Continued.

TEST: CAG2B NAAL 7:7

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 10 DEC 73

DATA SET IDENTIFIER	CONFIGURATION	SCHD.	α	β	δF	δU	δL	δR	FLARE	NO. OF RUNS	MACH NUMBERS
318	B ₂ C ₁ M ₇ F ₈ W ₁₆ E ₂₈ V ₈ R ₅ X ₉		15	A	-11.7	0	C	C	25	1	.20 .26
319			20	A			C	0			318
321			A	O			+5	+5			319
322							+10	+10			321
323	B ₂ C ₁ M ₇ F ₈ W ₁₆ E ₂₈ V ₈ R ₅ X ₉						0	0			322
324			O	A							323
325			5								324
326			10								325
327			15								326
328			20								327
329			A	C							328
330			A	O					40		329
331			C	A							330
332			5								331
333			10								332
334			15								333
335			20								334
336			A	O					55		335

1	7	13	19	25	31	37	43	49	55	61	67	73	79	85
CH	GDE	ICLM	CN	CAF	CYN	GBL	CY	IXCP/L	CAB	MACH	IC (AR 1) IC (AR 2) IC			

COEFFICIENTS

α OR β
SCHEDULES

α(A) = -4, -2, -1, 0, 1, 2, → 30, ΔA = 2°

β(A) = -10, → +10, Δβ = 2°

TABLE II. - Continued.

TEST: OAS23 NAAL 717		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 10 DEC 73	
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS/VALUES										NO. OF RUNS	MACH NUMBERS
		α	β	δF	$\delta \theta$	$\delta \phi$	$\delta \psi$	$\delta \chi$	$\delta \eta$	$\delta \zeta$	$\delta \xi$		
RZ 337	BAGMFMH6E2aV85X	C	A	-11.7	0	0	0	0	0	0	0	1	.20
338		5											.21
339		10											.22
340		15											.23
341		20											.24
343		A	O										.25
344		O	A										.26
345		5											.27
346		10											.28
347		15											.29
348		20											.30
349		A	O										.31
350		C	A										.32
351		5											.33
352		10											.34
353		15											.35
354		20											.36
355		A	O										.37
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													.68
													.69
													.70
													.71
													.72
													.73
													.74
													.75
													.76
													.77
													.78
													.79
													.80
													.81
													.82
													.83
													.84
													.85
													.86
													.87
													.88
													.89
													.90
													.91
													.92
													.93
													.94
													.95
													.96
													.97
													.98
													.99
													1.00

$\alpha(A) = -4, -2, -1, 0, 1, 2, \dots, 30, \Delta A = 2^\circ$
 $\beta(A) = -10, -10, -10, \Delta \beta = 2^\circ$

TEST: CAG26		N/AAL 717		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 10 DEC 73	
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES						NO. OF RUNS	MACH NUMBERS				
		α	β	δF	δ ₁	δ _{2L}	δ _{2R}	δ ₂	FLATE						
356	820GM7FAWUEGK105X1	U	A	11.7		0	C		-10.22	55	1		320	326	
357		5												321	
358		10												322	
359		15												323	
360		20												324	
361		A	O						0	85				325	
362		U	A											326	
363		5												327	
364		10												328	
365		15												329	
366		20												330	
367	V10E7X9	A	O							0			324		
368		O	A										325		
369		5											326		
370		10											327		
371		15											328		
372		20											329		
373	V13E2X9	A	O										330		
374													331		

α(1) = -4.2, -1.0, 1.2, 2.0, 3.0, 4.0

β(A) = -10 to +10, ΔA = 2°

α OR β SCHEDULES

COEFFICIENTS

CLL CDE ICLM CN CAG CYN CBL XCP/L GAB MACH

10 (VAR 1) 10 (VAR 2) 10 (VAR 3)

TABLE II. - Continued.

TEST: CAG2B NAAL 717		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 10 DEC 73	
DATA SET IDENTIFIER	CONFIGURATION	SCMD.		PARAMETERS/VALUES							NO. OF RUNS	MACH NUMBERS	
		α	β	δ_1	δ_2	δ_3	δ_4	δ_5	δ_6	δ_7			
392	B ₂ C ₁ M ₁ F ₁ K ₁ L ₁ E ₂ B ₃ P ₃ A ₃ V ₃	0	A	1.7	0	0	0	0	0	0	1		30
393		5											31
394		10											32
395		15											33
396		20											34
403	V ₁ A ₁ G ₁ X ₁ Y ₁	A	0										35
404		0	A										36
405		5											37
406		10											38
407		15											39
408		20											40
409	V ₁ A ₁ R ₁ O ₁ X ₁ Y ₁	A	0										41
410		0	A										42
411		5											43
412		10											44
413		15											45
414		20											46
419	V ₁ A ₁ G ₁ S ₁ X ₁ Y ₁	A	0										47

TABLE II. - Concluded.

TEST: CAG2B NALL 717		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 10 DEC 73	
DATA SET IDENTIFIER	CONFIGURATION	SCHD		PARAMETERS/VALUES							NO. OF RUNS	MACH NUMBERS	
		α	β	δF	$\delta \theta$	$\delta \phi_L$	$\delta \phi_R$	$\delta \phi$	$\delta \phi_{\Sigma}$	$\delta \phi_{\Sigma}$			
QDZ 430	B26G9M7F8W116E28V16R5X9	0	A	-11.7	0	0	0	0	0	0	1		430
431		5											431
432		10											432
433		15											433
434		20											434
436	V17B5X9	A	O										436
437		0	A										437
438		5											438
439		10											439
440		15											440
441		20											441
443	B26G9 F8X9	A	O										443
444		0	A										444
445		5											445
446		10											446
447		15											447
448		20											448
TEST RUN NUMBERS													
1	7	13	19	25	31	37	43	49	55	61	67	73	79
CH...GDE...GCM...CN...CAF...GN...GEL...CY...XCP/A...IGAB...MACH...10...11...12...13													
α OR β		$\alpha(N) = -4, -2, -1, 0, 1, 2, \dots, 30, \Delta\alpha = 2^\circ$											
SCHEDULES		$\beta(A) = -10 \rightarrow +10, \Delta\beta = 2^\circ$											

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT BODY - B₂₆

GENERAL DESCRIPTION Orbiter fuselage configuration 140 A/B

MODEL SCALE: 0.0405

DRAWING NUMBER VL70-000193, VL70-000140A

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (Body nose @ $X_0=238.$)-In.	<u>1290.30</u>	<u>52.257</u>
Max Width ($X_0 = 1520$ In.) - In.	<u>262.00</u>	<u>10.611</u>
Max Depth ($X_0 = 1464$ In.) - In.	<u>250.00</u>	<u>10.125</u>
Fineness Ratio	<u>4.925</u>	<u>4.925</u>
Area - v_t^2	<u></u>	<u></u>
Max. Cross-Sectional	<u>340.88</u>	<u>0.559</u>
Planform	<u></u>	<u></u>
Wetted	<u></u>	<u></u>
Base	<u></u>	<u></u>

TABLE III. = MODEL DIMENSIONAL DATA .. Continued.

MODEL COMPONENT : BODY - B₅₂

GENERAL DESCRIPTION : Orbiter fuselage configuration 140 A/B with simulated cargo bay door gaps and thermal expansion joints. All gaps are 1.50" deep (full scale); all longitudinal gaps are 0.500" wide (full scale); lateral gaps vary in width from 0.500 to 2.830" (Full scale).

MODEL SCALE: 0.0405

DRAWING NUMBER : VL70-000193, VL70-000140A

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (Body nose @ $X_0 = 238.0$) - In.	<u>1290.30</u>	<u>52.257</u>
Max Width ($X_0 = 1520$ In.) - In.	<u>262.00</u>	<u>10.611</u>
Max Depth ($X_0 = 1464$ In.) - In.	<u>250.00</u>	<u>10.125</u>
Fineness Ratio	<u>4.925</u>	<u>4.925</u>
Area - Ft ²	<u> </u>	<u> </u>
Max. Cross-Sectional	<u>340.83</u>	<u>0.559</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT : BODY - B₅₃

GENERAL DESCRIPTION : Orbiter fuselage configuration 140 A/B with
simulated cargo bay door hinges along waterplane Z₀ - 420.00(sill
longeron).

MODEL SCALE: 0.0405

DRAWING NUMBER : VL70-000193, VL70-000140A

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (Body nose @ X ₀ =238) - In.	<u>1290.30</u>	<u>52.257</u>
Max Width (X ₀ = 1520 In.) - In.	<u>262.00</u>	<u>10.611</u>
Max Depth (X ₀ = 1464 In.) - In.	<u>250.00</u>	<u>10.125</u>
Fineness Ratio	<u>4.925</u>	<u>4.925</u>
Area - Ft ²	<u> </u>	<u> </u>
Max. Cross-Sectional	<u>340.88</u>	<u>0.559</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

LONGITUDINAL LOCATION OF HINGES (FUS.STA.):

<u>FULL SCALE</u>	<u>MODEL SCALE</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
X ₀ 602.50	24.401	X ₀ 1033.40	41.853
669.80	27.127	1100.45	44.568
737.30	29.861	1144.20	46.340
783.55	31.734	1204.20	48.770
850.60	34.449	1264.20	51.200
917.65	37.165	1293.00	52.367
966.35	39.137		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT CANOPY - C₉
 GENERAL DESCRIPTION Orbiter canopy Configuration used on BODY
B₂₆
MODEL SCALE: 0.0405
 DRAWING NUMBER VL70-000140A, VL70-000143A

DIMENSIONS	FULL SCALE	MODEL SCALE
Length ($X_0 = 434.64 \quad 670.00$)-In.	<u>235.36</u>	<u>9.532</u>
Max Width ($X_0 = 513.13$) - In.	<u>152.41</u>	<u>6.173</u>
Max Depth ($X_0 = 485.00$ - In.	<u>25.00</u>	<u>1.013</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E₂₆

GENERAL DESCRIPTION: Orbiter elevon configuration used on WING W116.

DOES NOT HAVE ELEVON GAPS.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000400, VL70-000140B

<u>DIMENSIONS:</u> (DATA FOR 1 OF 2 SIDES)	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft ²	<u>223.58</u>	<u>0.367</u>
Span (equivalent) - In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord - In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.000</u>	<u>0.000</u>
Area Moment (Normal to hinge line)-Ft ³	<u>851.15</u>	<u>0.057</u>

TABLE III. MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E28

GENERAL DESCRIPTION: Elevon configuration used with WING - W116, has a
midspan gap and an elevon-fuselage gap. These two gaps are referred
to as baseline Grumman gaps, configuration 1-A.

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS: (DATA FOR 1 OF 2 SIDES)</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft^2	<u>223.58</u>	<u>0.367</u>
Span (equivalent) - In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord - In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord- In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.000</u>	<u>0.000</u>
Area Moment (Normal to hinge line) - Ft^3	<u>851.15</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E₂₉

GENERAL DESCRIPTION: Elevon configuration used with WING - W₁₁₆ has a
midspan gap and an alternate #1 elevon/fuselage gap, configuration
1-B.

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS: (DATA FOR 1 OF 2 SIDES):</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft ²	<u>223.58</u>	<u>0.367</u>
Span (equivalent) - In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord - In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>-10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.000</u>	<u>0.000</u>
Area Moment (Normal to hinge line)-Ft. ³	<u>851.15</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E₃₀

GENERAL DESCRIPTION: Elevon configuration used with WING, W₁₁₆, has a
mid-span gap and an alternate #2 elevon/fuselage gap. These two
gaps are referred to as baseline Grumman gaps, configuration 1-C.

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS:</u> (DATA FOR 1 OF 2 SIDES)	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft ²	<u>223.58</u>	<u>0.367</u>
Span (equivalent) - In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord - In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.000</u>	<u>0.000</u>
Area Moment (Normal to hinge line)-Ft ³	<u>851.1</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E₃₁

GENERAL DESCRIPTION: Elevon configuration used with WING, W₁₁₆, has an
alternate #1 midspan elevon gap, configuration 2A. (Baseline Grumman
gap, configuration 2A).

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS:</u> (DATA FOR 1 OF 2 SIDES)	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - ft ²	<u>223.58</u>	<u>0.367</u>
Span (equivalent) - In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord - In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.000</u>	<u>0.000</u>
Area Moment (Normal to hinge line) ft ³	<u>851.15</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E32

GENERAL DESCRIPTION: Elevon configuration used with WING, W₁₁₆, has
a midspan gap and an alternate #1 elevon/fuselage gap. These two
gaps are referred to as baseline Grumman gaps, Configuration 2B.

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS:</u> (DATA for 1 OF 2 SIDES):	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - ft ²	<u>223.58</u>	<u>0.367</u>
Span (equivalent) - In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord - In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>10.056</u>	<u>10.056</u>
Hingeline	<u>0.000</u>	<u>0.000</u>
Area Moment (Normal to hinge line)-ft ³	<u>851.15</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E33

GENERAL DESCRIPTION: Elevon configuration used with WING, W116, has an
alternate #2 midspan elevon gap, configuration 2B. This is baseline
Grumman gap, configuration 2B.

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS:</u> (DATA FOR 1 OF 2 SIDES)	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft. ²	<u>223.58</u>	<u>0.367</u>
Span (equivalent)- In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord - In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>-10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.000</u>	<u>0.000</u>
Area Moment (Normal to hinge line) -ft ³	<u>851.15</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E₃₄

GENERAL DESCRIPTION: Elevon configuration used with WING, W₁₁₆, has an
alternate #2 midspan elevon gap. This gap is referred to as baseline
Grumman gap, Configuration 3A.

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS:</u> (DATA FOR 1 OF 2 SIDES)	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - ft ²	<u>223.58</u>	<u>0.367</u>
Span (equivalent) - In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord - In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>- 10.056</u>	<u>-10.056</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line)-ft ³	<u>851.15</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E₃₅

GENERAL DESCRIPTION: Elevon configuration used with WING, W₁₁₆, has an
alternate #1 elevon/fuselage gap. These two gaps are referred to
as baseline Grumman gaps, Configuration 3B.

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS: (DATA FOR 1 OF 2 SIDES)</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - ft ²	<u>223.58</u>	<u>0.367</u>
Span (equivalent) - In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord In.	<u>119.62</u>	<u>4.845</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>-10.056</u>	<u>-10.056</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line) -ft ³	<u>851.15</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E36

GENERAL DESCRIPTION: Elevon configuration used with WING, W₁₁₆, has an
alternate #2 elevon/fuselage gap. These gaps are referred to as
baseline Grumman gaps, configuration 3C.

MODEL SCALE: 0.0405

DRAWING NUMBER: _____

<u>DIMENSIONS:</u> (DATA FOR 1 OF 2 SIDES)	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area ft^2	<u>223.58</u>	<u>0.367</u>
Span (equivalent) In.	<u>368.34</u>	<u>14.918</u>
Inb'd equivalent chord In.	<u>119.62</u>	<u>2.235</u>
Outb'd equivalent chord - In.	<u>55.19</u>	<u>2.235</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.210</u>	<u>0.210</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.000</u>	<u>0.000</u>
Trailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.0</u>	<u>0.0</u>
Area Moment (Normal to hinge line) $-\text{ft}^3$	<u>851.15</u>	<u>0.057</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT : BODY FLAP - F₈

GENERAL DESCRIPTION Orbiter body flap configuration used on
BODY - B₂₆.

MODEL SCALE: 0.0405

DRAWING NUMBER VL70-00014CB, VL70-000400

DIMENSIONS	FULL SCALE	MODEL SCALE
Length - In.	<u>94.86</u>	<u>3.842</u>
Max Width - In.	<u>262.31</u>	<u>10.623</u>
Max Depth - In.	<u>23.00</u>	<u>0.932</u>
Fineness Ratio	<u> </u>	<u> </u>
Area - Ft ²	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u>158.85</u>	<u>0.261</u>
Wetted	<u> </u>	<u> </u>
Base	<u>41.90</u>	<u>0.069</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

COMPONENT MODEL: LANDING GEAR - G₁₅GENERAL DESCRIPTION: Main and nose landing gear doors and assemblies.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000140A/SS-A00149

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
NOSE GEAR:		
No. wheels	<u>2</u>	<u>2</u>
Wheel axis:		
Fuselage Station	<u>374.407</u>	<u>15.177</u>
Waterline	<u>22.151</u>	<u>8.971</u>
Pivot axis:		
Fuselage Station	<u>366.458</u>	<u>15.208</u>
Waterline	<u>298.000</u>	<u>12.069</u>
Strut Diameter - In.	<u>7.72</u>	<u>0.3125</u>
Wheel diameter - In.	<u>32.000</u>	<u>1.296</u>
Wheel Width - In.	<u>8.790</u>	<u>0.356</u>
Wheel centerline-to-centerline width-In.	<u>22.000</u>	<u>0.891</u>
Side Door:		
Height (follows body contour) - In.	<u>18.518</u>	<u>0.75</u>
Leading Edge location, F.S.	<u>271.605</u>	<u>11.0</u>
Trailing Edge location, F.S.	<u>381.926</u>	<u>15.468</u>
MAIN GEAR:		
No. of wheels	<u>2</u>	<u>2</u>
Wheel axis:		
Fuselage Station	<u>44.247</u>	<u>1.792</u>
Waterline	<u>175.432</u>	<u>7.105</u>
Pivot Axis		
Fuselage Station	<u>1180.000</u>	<u>47.790</u>
Waterline	<u>283.012</u>	<u>11.462</u>
Main Strut Diameter - In.	<u>9.259</u>	<u>0.375</u>
Wheel Diameter - In.	<u>44.198</u>	<u>1.79</u>
Wheel Width - In.	<u>16.049</u>	<u>0.65</u>
Wheel centerline-to-centerline width-In.	<u>36.000</u>	<u>1.458</u>
Side Door:		
Length - In.	<u>148.148</u>	<u>6.00</u>
Width - In.	<u>61.728</u>	<u>2.50</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: AIR BREATHING PROPULSION SYSTEM - J43

GENERAL DESCRIPTION: Six underwing engines installed in three nacelle pods. Inlet has short cowl, 7° cowl lip angle, short flow diverter, and 7° diverter lip angle. Baseline engine position @ F.S. 950.

MODEL SCALE: 0.0405

DRAWING NO.: SS-A00139, SS-A01159

DIMENSION (EACH NACELLE):	FULL SCALE	MODEL SCALE
Length - In.	<u>209.51</u>	<u>8.485</u>
Max. Width - In.	<u>66.00</u>	<u>2.673</u>
Max. Depth - In.	<u>66.00</u>	<u>2.673</u>
Max. Pylon Width, In.	<u>19.75</u>	<u>0.800</u>
Area - In. ²		
Max. Cross-Sectional	<u>2737.30</u>	<u>4.490</u>
Capture	<u>1900.92</u>	<u>3.118</u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

*Nacelle Sta. 0.0 @

	WING PODS		C. PODS	
	Outboard	Inboard	Left	Right
Model Sta. - In.	<u>38.475</u>	<u>38.475</u>	<u>38.475</u>	<u>38.475</u>
Waterplane - In.	<u>9.665</u>	<u>9.665</u>	<u>9.310</u>	<u>9.310</u>
Buttock Plane - In.	<u>+ 11.583</u>	<u>+ 8.910</u>	<u>- 1.337</u>	<u>+ 1.337</u>
Incidence Angle - Deg.	<u>3.933</u>	<u>3.933</u>	<u>3.933</u>	<u>3.933</u>
Nacelle Clearance	<u>0.608</u>	<u>0.608</u>	<u>0.142</u>	<u>0.142</u>
Toe-In Angle	<u>5.000</u>	<u>5.000</u>	<u>0.0</u>	<u>0.0</u>

*All numbers in model scale

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: AIR BREATHING PROPULSION SYSTEM - J₆₂

GENERAL DESCRIPTION: Six engines installed in three nacelle pods, one centerline underwing, two overwing. Inlet has short cowl, 7° lip angle, short flow diverter, and 7° diverter lip angle. Baseline engine position @ F.S. 950 centerline and 1050 wing pods.

MODEL SCALE: 0.0405

DRAWING NUMBER: SS-00139, SS-A01159

DIMENSIONS (EACH NACELLE)	FULL SCALE	MODEL SCALE
Length - In.	<u>209.51</u>	<u>8.485</u>
Max. Width - In.	<u>66.00</u>	<u>2.673</u>
Max. Depth - In.	<u>66.00</u>	<u>2.673</u>
Max. Pylon Width - In.	<u>19.75</u>	<u>0.800</u>
AREA - ft ²		
Max. Cross-Sectional	<u>2737.30</u>	<u>4.490</u>
Capture	<u>1900.92</u>	<u>3.118</u>

	WING PODS		CENTERLINE POD	
	Outb'd	Inb'd	Left	Right
*NACELLE STA. 0.0 @				
Model Sta. - In.	42.525	42.525	38.475	38.475
Waterplane - In.	15.180	15.180	9.310	9.310
Buttock plane - In.	+ 11.583	+ 8.910	- 1.337	+ 1.337
Incidence Angle - Deg.	- 7.000	- 7.000	3.933	3.933
Nacelle Clearance - In.	1.215	1.215	0.142	0.142
Toe-In Angle - Deg.	5.000	5.000	0.0	0.0

*All numbers in model scale.

TABLE III. - MODEL DIMENSIONAL DATA _ Continued.

MODEL COMPONENT : ORBITAL MANEUVERING SYSTEM PODS - M₇

GENERAL DESCRIPTION : OMS Pods used on BODY - B₂₆

MODEL SCALE: 0.0405

DRAWING NUMBER : VL70-000140A, VL70-000145

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (Fwd Sta. @ $X_0 = 1233.00$) In.	<u>327.00</u>	<u>13.244</u>
Max Width ($X_0 = 1450.00$) - In.	<u>94.50</u>	<u>3.827</u>
Max Depth ($X_0 = 1493.00$) - In.	<u>109.00</u>	<u>4.415</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT : ORBITAL MANEUVERING SYSTEM PODS - M₅₀

GENERAL DESCRIPTION : Configuration 3A with thermal expansion joint gap, 2.930" wide and 1.50" deep (full scale).

MODEL SCALE: 0.0405

DRAWING NUMBER : VL70-000140A, VL70-000145

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta. $X_0=1233.0$) In.	<u>327.000</u>	<u>13.244</u>
Max Width (@ $X_0 = 1450.0$) - In.	<u>94.500</u>	<u>3.827</u>
Max Depth (@ $X = 1493.0$) - In.	<u>109.000</u>	<u>4.414</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: RUDDER - R₅

GENERAL DESCRIPTION: Orbiter rudder used on Vertical Tail, V₈. See
Figure 2 (Cont'd).

MODEL SCALE: 0.0405

DRAWING NUMBER: VI.70-000095, SS-A00088

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - ft ²	<u>106.38</u>	<u>0.174</u>
Span (equivalent) - in.	<u>201.00</u>	<u>8.141</u>
Inb'd equivalent chord - In.	<u>91.59</u>	<u>3.709</u>
Outb'd equivalent chord - In.	<u>50.83</u>	<u>2.059</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.830</u>	<u>34.830</u>
Trailing Edge	<u>26.250</u>	<u>26.250</u>
Hingeline	<u>34.830</u>	<u>34.830</u>
Area Moment (Normal to hinge line) ft ³	<u>526.13</u>	<u>0.035</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: RUDDER - R₇

GENERAL DESCRIPTION: Orbiter rudder used on Vertical Tail, V₈, with a
2.09 inch leading edge radius (at the rudder hingeline).

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000095, SS-A00088

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - ft ²	<u>106.38</u>	<u>0.174</u>
Span (equivalent) - In.	<u>201.00</u>	<u>8.141</u>
Inb'd equivalent chord - In.	<u>91.59</u>	<u>3.709</u>
Outb'd equivalent chord - In.	<u>50.83</u>	<u>2.059</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.830</u>	<u>34.830</u>
Tailing Edge	<u>26.250</u>	<u>26.250</u>
Hingeline	<u>34.830</u>	<u>34.830</u>
Area Moment (Normal to hinge line) -ft ³	<u>526.13</u>	<u>0.035</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: RUDDER R₈

GENERAL DESCRIPTION: Orbiter rudder used on Vertical Tail, V₈, with a
4.94 inch radius at the leading edge radius (at the rudder hingeline).

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000095, SS-A00088

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area ft ²	<u>106.38</u>	<u>0.174</u>
Span (equivalent) - In.	<u>201.00</u>	<u>8.141</u>
Inb'd equivalent chord In.	<u>91.59</u>	<u>3.709</u>
Outb'd equivalent chord - In.	<u>50.83</u>	<u>2.059</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.830</u>	<u>34.830</u>
Trailing Edge	<u>26.250</u>	<u>26.250</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line) ft ³	<u>526.13</u>	<u>0.035</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: RUDDER - R₉

GENERAL DESCRIPTION: Orbiter rudder used on Vertical Tail, V₈, with a
6.12" radius contour aft of rudder hingeline to the trailing edge.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000095, SS-A00088

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - ft ²	<u>106.38</u>	<u>0.175</u>
Span (equivalent) - In.	<u>201.00</u>	<u>8.141</u>
Inb'd equivalent chord In.	<u>91.59</u>	<u>3.709</u>
Outb'd equivalent chord In.	<u>50.83</u>	<u>2.059</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.830</u>	<u>34.830</u>
Trailing Edge	<u>26.250</u>	<u>26.250</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line) -ft ³	<u>526.13</u>	<u>0.035</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: RUDDER - R₁₀

GENERAL DESCRIPTION: Orbiter rudder used on Vertical Tail, V₈, with a
6.12-inch radius contour extending from the root to the tip chord of
the vertical tail aft of the rudder hingeline.

MODEL SCALE: 0.0405

DRAWING NUMBER: VL70-000095, SS-A00088

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - ft ²	<u>106.38</u>	<u>0.175</u>
Span (equivalent) - In.	<u>201.00</u>	<u>8.141</u>
Inb'd equivalent chord - In.	<u>91.59</u>	<u>3.709</u>
Outb'd equivalent chord - In.	<u>50.83</u>	<u>2.059</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.830</u>	<u>34.830</u>
Trailing Edge	<u>26.250</u>	<u>26.250</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line) -ft ³	<u>526.13</u>	<u>0.035</u>

TABLE III. -- MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V8GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speed brake
capability.MODEL SCALE: 0.0405DRAWING NUMBER: VL70-000140A, VL70-000146A, SS-A00088DIMENSIONS: FULL-SCALE MODEL SCALETOTAL DATA

Area (Theo) - Ft ²		
Planform	<u>413.25</u>	<u>0.678</u>
Span (Theo) - In	<u>315.72</u>	<u>12.787</u>
Aspect Ratio	<u>1.675</u>	<u>1.675</u>
Rate of Taper	<u>0.507</u>	<u>0.507</u>
Taper Ratio	<u>0.404</u>	<u>0.404</u>
Sweep Back Angles, degrees		
Leading Edge	<u>45.000</u>	<u>45.000</u>
Trailing Edge	<u>25.947</u>	<u>25.947</u>
0.25 Element Line	<u>41.130</u>	<u>41.130</u>
Chords: - In.		
Root (Theo) WP	<u>268.50</u>	<u>10.874</u>
Tip (Theo) WP	<u>108.47</u>	<u>4.393</u>
MAC	<u>199.81</u>	<u>8.092</u>
Fus. Sta. of .25 MAC	<u>1463.50</u>	<u>59.272</u>
W. P. of .25 MAC	<u>635.52</u>	<u>25.738</u>
B. L. of .25 MAC	<u>0.0</u>	<u>0.0</u>
Airfoil Section		
Leading Wedge Angle - Deg	<u>10.000</u>	<u>10.000</u>
Trailing Wedge Angle - Deg	<u>14.920</u>	<u>14.920</u>
Leading Edge Radius - % Chord	<u>1.466</u>	<u>1.466</u>
Void Area	<u>13.17</u>	<u>0.022</u>
Blanketed Area		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V₉GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speed brake
capability and with groove along the rudder hingeline.MODEL SCALE: 0.0405DRAWING NUMBER: VL70-000140A, VL70-000146A, SS-A00088

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
<u>TOTAL DATA</u>		
Area (Theo) - Ft ²		
Planform	<u>413.25</u>	<u>0.678</u>
Span (Theo) - In	<u>315.72</u>	<u>12.787</u>
Aspect Ratio	<u>1.675</u>	<u>1.675</u>
Rate of Taper	<u>0.507</u>	<u>0.507</u>
Taper Ratio	<u>0.404</u>	<u>0.404</u>
Sweep Back Angles, degrees		
Leading Edge	<u>45.000</u>	<u>45.000</u>
Trailing Edge	<u>25.947</u>	<u>25.947</u>
0.25 Element Line	<u>41.130</u>	<u>41.130</u>
Chords:		
Root (Theo) WP	<u>268.50</u>	<u>10.874</u>
Tip (Theo) WP	<u>108.47</u>	<u>4.393</u>
MAC	<u>19.81</u>	<u>8.092</u>
Fus. Sta. of .25 MAC	<u>1463.50</u>	<u>59.272</u>
W. P. of .25 MAC	<u>635.52</u>	<u>25.738</u>
B. L. of .25 MAC	<u>0.00</u>	<u>0.00</u>
Airfoil Section		
Leading Wedge Angle - Deg	<u>10.000</u>	<u>10.000</u>
Trailing Wedge Angle - Deg	<u>14.920</u>	<u>14.920</u>
Leading Edge Radius	<u>1.466</u>	<u>1.466</u>
Void Area	<u>13.17</u>	<u>0.022</u>
Blanketed Area		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V₁₂GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speed brakecapability with a 2.09 inch radius at rudder hinge line. Used withRUDDER - R₇.MODEL SCALE: 0.0405DRAWING NUMBER:VL70-000140A, VL70-000146A, SS-A00088DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo) - Ft ²		
Planform	413.25	5.678
Span (Theo) - In	315.72	12.787
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	25.947	25.947
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.50	10.874
Tip (Theo) WP	108.47	4.393
MAC	199.81	8.092
Fus. Sta. of .25 MAC	1463.50	59.272
W. P. of .25 MAC	635.52	25.738
B. L. of .25 MAC	0.0	0.0
Airfoil Section		
Leading Wedge Angle - Deg	10.000	10.000
Trailing Wedge Angle - Deg	14.920	14.920
Leading Edge Radius	1.466	1.466
Void Area	13.17	0.022
Blanketed Area		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V₁₃GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speed brake capability and 4.94 inch radius at rudder hingeline. Used withRUDDER - Rg.MODEL SCALE: 0.0405DRAWING NUMBER:VL70-000140A, VL70-000146A, SS-A00088DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATAArea (Theo) - Ft²

Planform

413.250.678

Span (Theo) - In

315.7212.787

Aspect Ratio

1.6751.675

Rate of Taper

0.5070.507

Taper Ratio

0.4040.404

Sweep Back Angles, degrees

Leading Edge

45.00045.000

Trailing Edge

25.94725.947

0.25 Element Line

41.13041.130

Chords:

Root (Theo) WP

268.5010.874

Tip (Theo) WP

108.474.393

MAC

199.818.092

Fus. Sta. of .25 MAC

1463.5059.272

W. P. of .25 MAC

635.5225.738

B. L. of .25 MAC

0.00.0

Airfoil Section

Leading Wedge Angle - Deg

10.00010.000

Trailing Wedge Angle - Deg

14.92014.920

Leading Edge Radius

1.4661.466

Void Area

13.170.022

Blanketed Area

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V₁₄

GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speed brake
capability with 6.12 inch radius contour on rudder aft of hingeline
between W.L. 7.000 and W.L. 15.350. Used with RUDDER - R₉

MODEL SCALE: 0.0405

DRAWING NUMBER:

VL70-000140A, VL70-000146A, SS-A00088DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo) - Ft²
 Planform
 Span (Theo) - In
 Aspect Ratio
 Rate of Taper
 Taper Ratio
 Sweep Back Angles, degrees
 Leading Edge
 Trailing Edge
 0.25 Element Line
 Chords:
 Root (Theo) WP
 Tip (Theo) WP
 MAC
 Fus. Sta. of .25 MAC
 W. P. of .25 MAC
 B. L. of .25 MAC
 Airfoil Section
 Leading Wedge Angle - Deg
 Trailing Wedge Angle - Deg
 Leading Edge Radius
 Void Area
 Blanketed Area

	<u>413.25</u>	<u>0.678</u>
	<u>315.72</u>	<u>12.787</u>
	<u>1.675</u>	<u>1.675</u>
	<u>0.507</u>	<u>0.507</u>
	<u>0.404</u>	<u>0.404</u>
	<u>45.000</u>	<u>45.000</u>
	<u>25.947</u>	<u>25.947</u>
	<u>41.130</u>	<u>41.130</u>
	<u>268.50</u>	<u>10.874</u>
	<u>108.47</u>	<u>4.393</u>
	<u>199.81</u>	<u>8.092</u>
	<u>1463.50</u>	<u>59.272</u>
	<u>635.52</u>	<u>25.738</u>
	<u>0.0</u>	<u>0.0</u>
	<u>10.000</u>	<u>10.000</u>
	<u>14.920</u>	<u>14.920</u>
	<u>1.466</u>	<u>1.466</u>
	<u>13.17</u>	<u>0.022</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V₁₅GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speed brake capability with 6.12 inch radius contour extending from root to tip aft of hingeline. Used with RUDDER - R₁₀MODEL SCALE: 0.0405DRAWING NUMBER: VL70-000140A, VL70-000146A, SS-A00088

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
<u>TOTAL DATA</u>		
Area (Theo) - Ft ²		
Planform	<u>413.25</u>	<u>0.678</u>
Span (Theo) - In	<u>315.72</u>	<u>12.787</u>
Aspect Ratio	<u>1.675</u>	<u>1.675</u>
Rate of Taper	<u>0.507</u>	<u>0.507</u>
Taper Ratio	<u>0.404</u>	<u>0.404</u>
Sweep Back Angles, degrees		
Leading Edge	<u>45.000</u>	<u>45.000</u>
Trailing Edge	<u>25.947</u>	<u>25.947</u>
0.25 Element Line	<u>41.130</u>	<u>41.130</u>
Chords:		
Root (Theo) WP	<u>268.50</u>	<u>10.874</u>
Tip (Theo) WP	<u>108.47</u>	<u>4.393</u>
MAC	<u>199.81</u>	<u>8.092</u>
Fus. Sta. of .25 MAC	<u>1463.50</u>	<u>59.272</u>
W. P. of .25 MAC	<u>635.52</u>	<u>25.738</u>
B. L. of .25 MAC	<u>0.0</u>	<u>0.0</u>
Airfoil Section		
Leading Wedge Angle - Deg	<u>10.000</u>	<u>10.000</u>
Trailing Wedge Angle - Deg	<u>14.920</u>	<u>14.920</u>
Leading Edge Radius	<u>1.466</u>	<u>1.466</u>
Void Area	<u>13.17</u>	<u>0.022</u>
Blanketed Area		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V₁₆

GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speed
brake capability with the vertical tail leading edge extended forward
at the vertical/fuselage intersection.

MODEL SCALE: 0.0405

DRAWING NUMBER:

VL70-000140A, VL70-000146A, SS-A00088DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo) - Ft ²		
Planform	<u>413.25</u>	<u>0.678</u>
Span (Theo) - In	<u>315.72</u>	<u>12.787</u>
Aspect Ratio	<u>1.675</u>	<u>1.675</u>
Rate of Taper	<u>0.507</u>	<u>0.507</u>
Taper Ratio	<u>0.404</u>	<u>0.404</u>
Sweep Back Angles, degrees		
Leading Edge	<u>45.000</u>	<u>45.000</u>
Trailing Edge	<u>25.947</u>	<u>25.947</u>
0.25 Element Line	<u>41.130</u>	<u>41.130</u>
Chords:		
Root (Theo) WP	<u>268.50</u>	<u>10.874</u>
Tip (Theo) WP	<u>108.47</u>	<u>4.393</u>
MAC	<u>199.81</u>	<u>8.092</u>
Fus. Sta. of .25 MAC	<u>1463.50</u>	<u>59.272</u>
W. P. of .25 MAC	<u>635.52</u>	<u>25.738</u>
B. L. of .25 MAC	<u>0.0</u>	<u>0.0</u>
Airfoil Section		
Leading Wedge Angle - Deg	<u>10.000</u>	<u>10.000</u>
Trailing Wedge Angle - Deg	<u>14.920</u>	<u>14.920</u>
Leading Edge Radius	<u>1.466</u>	<u>1.466</u>
Void Area	<u>13.17</u>	<u>0.022</u>
Blanketed Area		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V₁₇GENERAL DESCRIPTION: Centerline vertical tail with rudder and/or speed brake capability with the contour forward of the rudder hingeline modified to a biconvex section.MODEL SCALE: 0.0405

DRAWING NUMBER:

VL70-000140A, VL70-000146A, SS-00088DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATAArea (Theo) - Ft²

Planform

413.250.678

Span (Theo) - In

315.7212.787

Aspect Ratio

1.6751.675

Rate of Taper

0.5070.507

Taper Ratio

0.4040.404

Sweep Back Angles, degrees

Leading Edge

45.00045.000

Trailing Edge

25.94725.947

0.25 Element Line

41.13041.130

Chords:

Root (Theo) WP

268.5010.874

Tip (Theo) WP

108.474.393

MAC

199.818.092

Fus. Sta. of .25 MAC

1463.5059.272

W. P. of .25 MAC

635.5225.738

B. L. of .25 MAC

0.00.0

Airfoil Section

Leading Wedge Angle - Deg

10.00010.000

Trailing Wedge Angle Deg

14.92014.920

Leading Edge Radius

1.4661.466

Void Area

13.170.022

Blanketed Area

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: WING-W₁₂₂

GENERAL DESCRIPTION: Orbiter delta wing configuration used on BODY - B₂₆ with
the addition of a lower surface elliptical L.E. added to the 45° swept
portion of the wing. Tangency points are at the L.E. and 30% chord element.
No change made to the planform area. MODEL SCALE: 0.0405

TEST NO. _____

DWG. NO. VL70-000140B, VL70-000400DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATAArea (Theo.) - Ft²

Planform

Span (Theo) - In.

Aspect Ratio

Rate of Taper

Taper Ratio

Dihedral Angle, degrees

Incidence Angle, degrees

Aerodynamic Twist, degrees

Sweep Back Angles, degrees

Leading Edge

Trailing Edge

0.25 Element Line

Chords:

Root (Theo) B.P.O.O.

Tip, (Theo) B.P.

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

B.L. of .25 MAC

EXPOSED DATAArea (Theo) - Ft²

Span, (Theo) - In. BP108

Aspect Ratio

Taper Ratio

Chords

Root BP108

Tip 1.00 $\frac{b}{2}$

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

B.L. of .25 MAC

Airfoil Section (Rockwell Mod NASA)

XXXX-64

Root $\frac{b}{2}$ = .425 Root %Tip $\frac{b}{2}$ = 1.000 Root %

Data for (1) of (2) Sides

Leading Edge Cuff

Planform Area Ft²

Leading Edge Intersects Fus M. L. @ Sta

Leading Edge Intersects Wing @ Sta

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: WING-W 116GENERAL DESCRIPTION: Orbiter delta 1.44 configuration used on BODY - B26MODEL SCALE: 0.0405

TEST NO.	DWG. NO.	VL70-000140B	VL70-000400
DIMENSIONS:	FULL-SCALE	MODEL SCALE	
TOTAL DATA			
Area (Theo.) - Ft ²			
Planform	2690.00	4.412	
Span (Theo) In.	936.68	37.936	
Aspect Ratio	2.265	2.265	
Rate of Taper	1.177	1.177	
Taper Ratio	0.200	0.200	
Dihedral Angle, degrees	3.500	3.500	
Incidence Angle, degrees	0.500	0.500	
Aerodynamic Twist, degrees	3.000	3.000	
Sweep Back Angles, degrees			
Leading Edge	45.000	45.000	
Trailing Edge	- 10.056	- 10.056	
0.25 Element Line	35.209	35.209	
Chords:			
Root (Theo) B.P.O.O.	689.24	27.914	
Tip, (Theo) B.P.	137.85	5.583	
MAC	474.81	19.230	
Fus. Sta. of .25 MAC	1126.72	45.632	
W.P. of .25 MAC	291.00	11.786	
B.L. of .25 MAC	187.33	7.587	
EXPOSED DATA			
Area (Theo) - Ft ²	1812.22	2.973	
Span, (Theo) In. BP108	736.68	29.836	
Aspect Ratio	2.058	2.058	
Taper Ratio	0.245	0.245	
Chords			
Root BP108	570.62	23.110	
Tip 1.00 $\frac{b}{2}$	137.85	5.583	
MAC	354.24	14.345	
Fus. Sta. of .25 MAC	1164.24	47.152	
W.P. of .25 MAC	292.00	11.826	
B.L. of .25 MAC	239.68	9.707	
Airfoil Section (Rockwell Mod NASA)			
XXXX-64			
Root $\frac{b}{2}$ = .425 Root %	11.3	11.3	
Tip $\frac{b}{2}$ = 1.000 Tip %	12.0	12.0	
Data for (1) of (2) Sides			
Leading Edge Cuff			
Planform Area Ft ²	13.33	0.194	
Leading Edge Intersects Fus M. L. @ Sta	505.00	20.453	
Leading Edge Intersects Wing @ Sta	1084.5	43.92	

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: TRANSITION GRIT - X₉

GENERAL DESCRIPTION: Grit composed of glass beads located aft of
model nose and all swept surfaces to provide forced boundary layer
transition. All dimensions are measured in the streamwise direction
aft of the local leading edge.

Grit Diameter - In.

Fuselage	0.0054
----------	--------

Swept surfaces	0.0076
----------------	--------

Strip Width - In.	0.10
-------------------	------

Location aft of L.E., In.	1.00
---------------------------	------

TABLE III. - MODEL DIMENSIONAL DATA - Concluded.

MODEL COMPONENT: TRANSITION GRIT - X₁₀

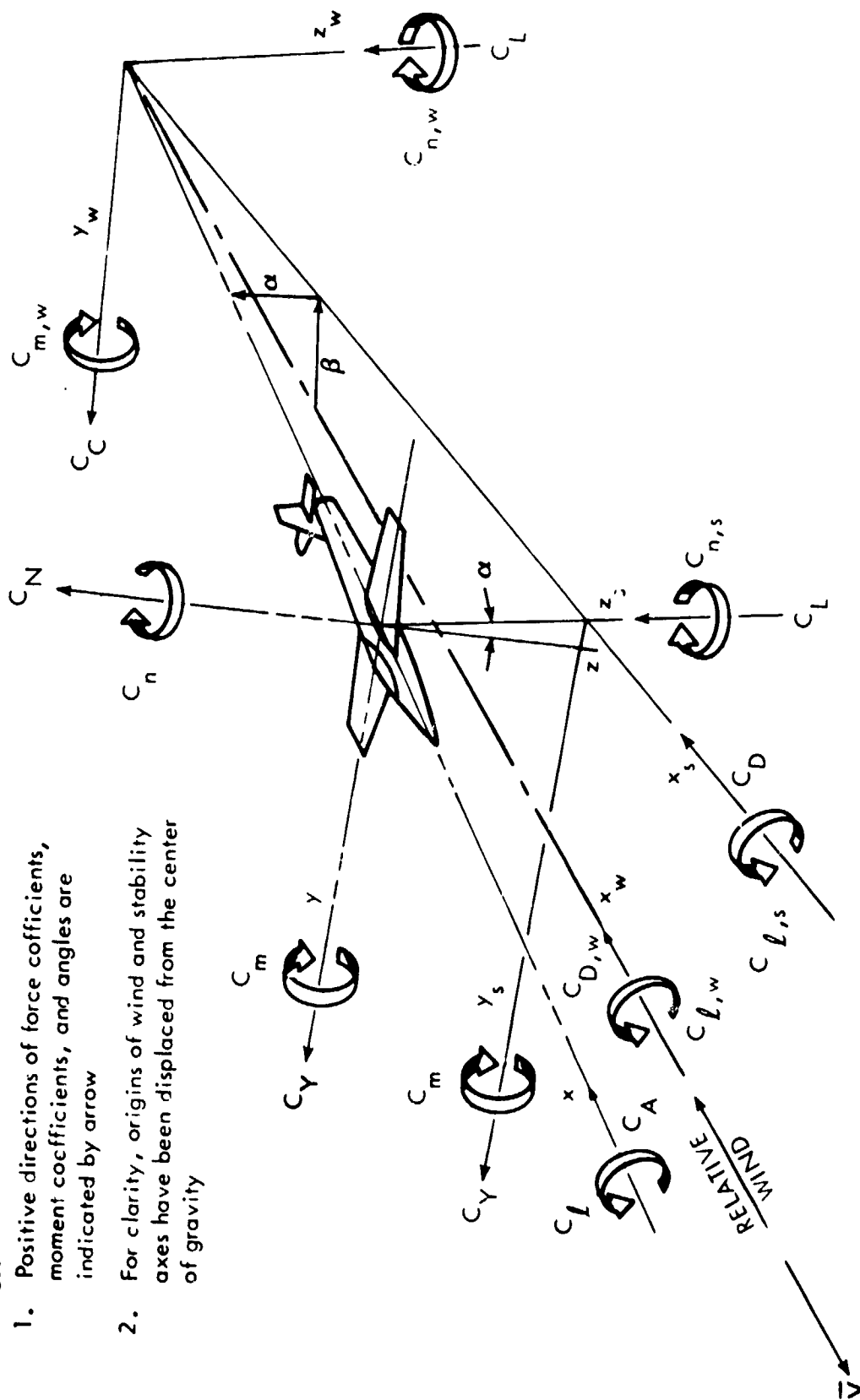
GENERAL DESCRIPTION: Grit composed of glass beads located aft of model nose, ABPS nacelles and all swept surfaces to provide forced boundary layer transition. All dimensions are measured in the streamwise direction aft of the local leading edge.

Grit diameter - In.

Fuselage	0.0054
Swept surfaces	0.0076
ABPS Nacelles	0.0076
Strip width - In.	0.10
Location aft of cowl L.E.	1.00

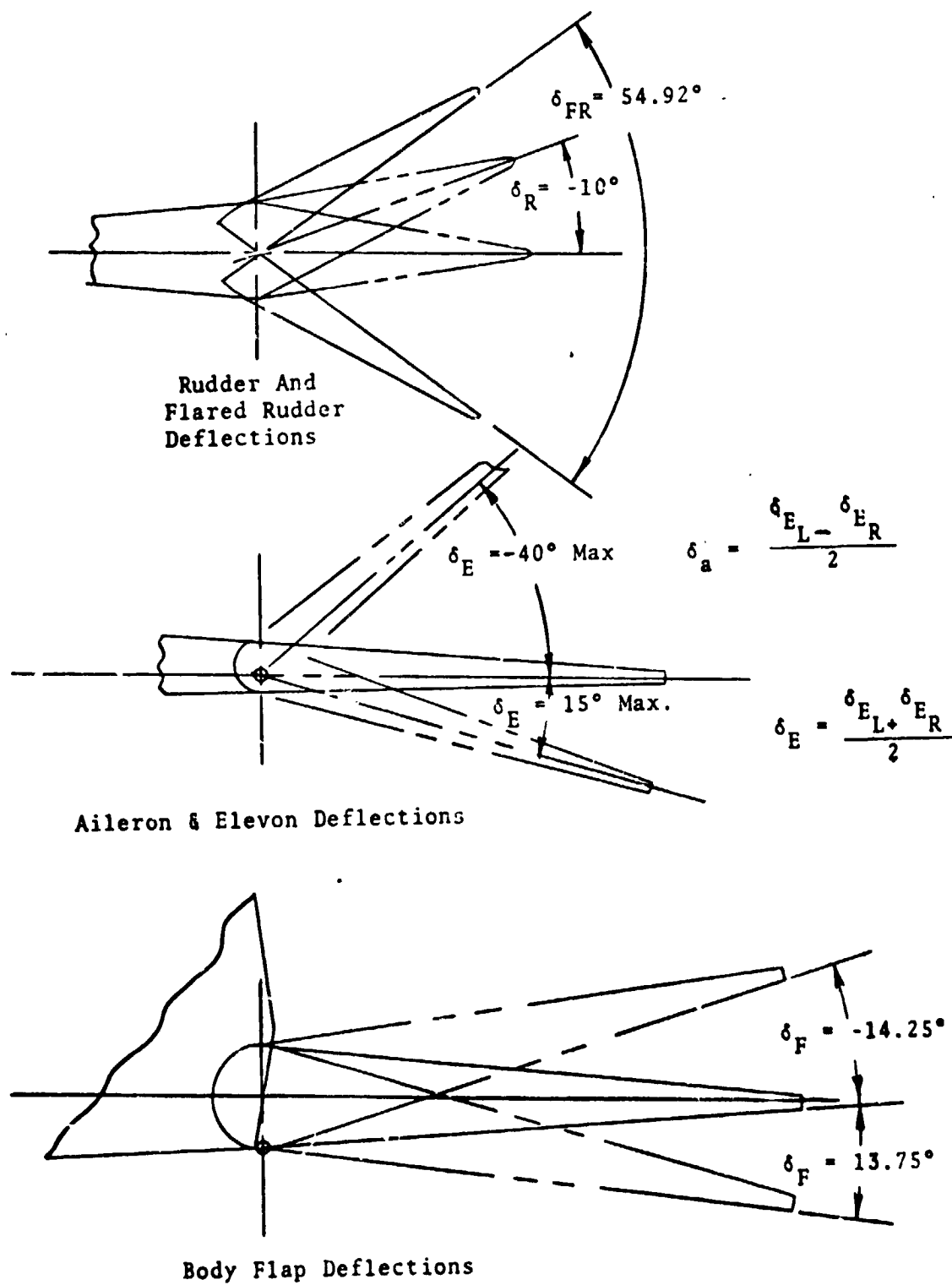
Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrow
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



a. Body and stability axes

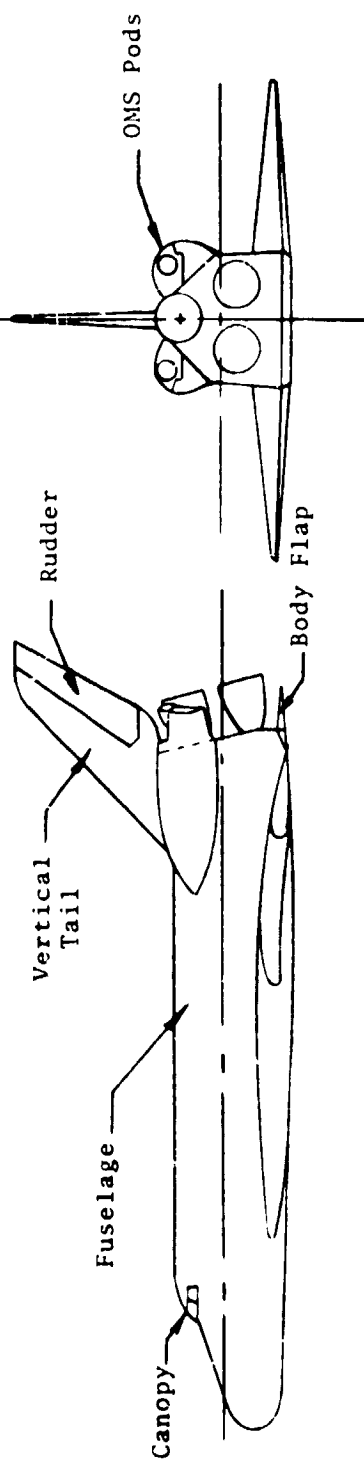
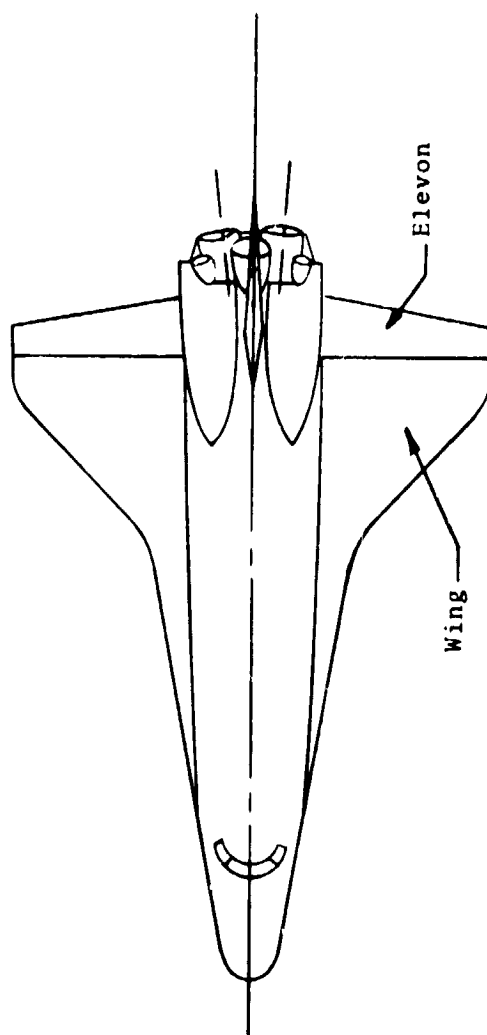
Figure 1. - Axis systems.



b. Sign convention for control surfaces.

Figure 1. - Concluded.

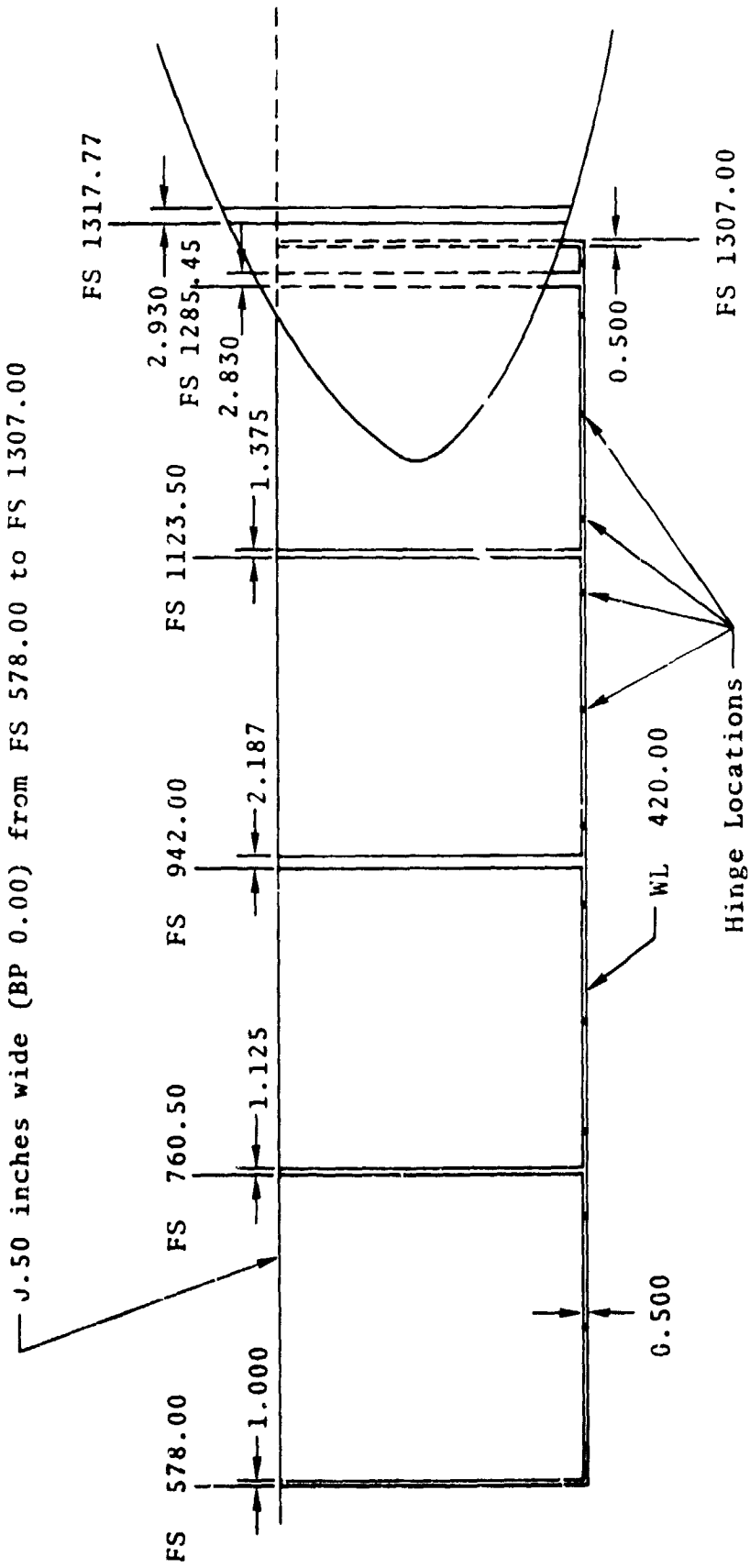
Reference	Dimension
Area	$S_w = 2690 \text{ ft}^2$
MAC	$\bar{c}_w = 474.8 \text{ in}$
C.G.	$X = 1076.48 \text{ in}$
	$Z = 375.0 \text{ in}$
Span	$b_w = 936.68 \text{ in}$
Length	$L = 1290.3 \text{ in}$



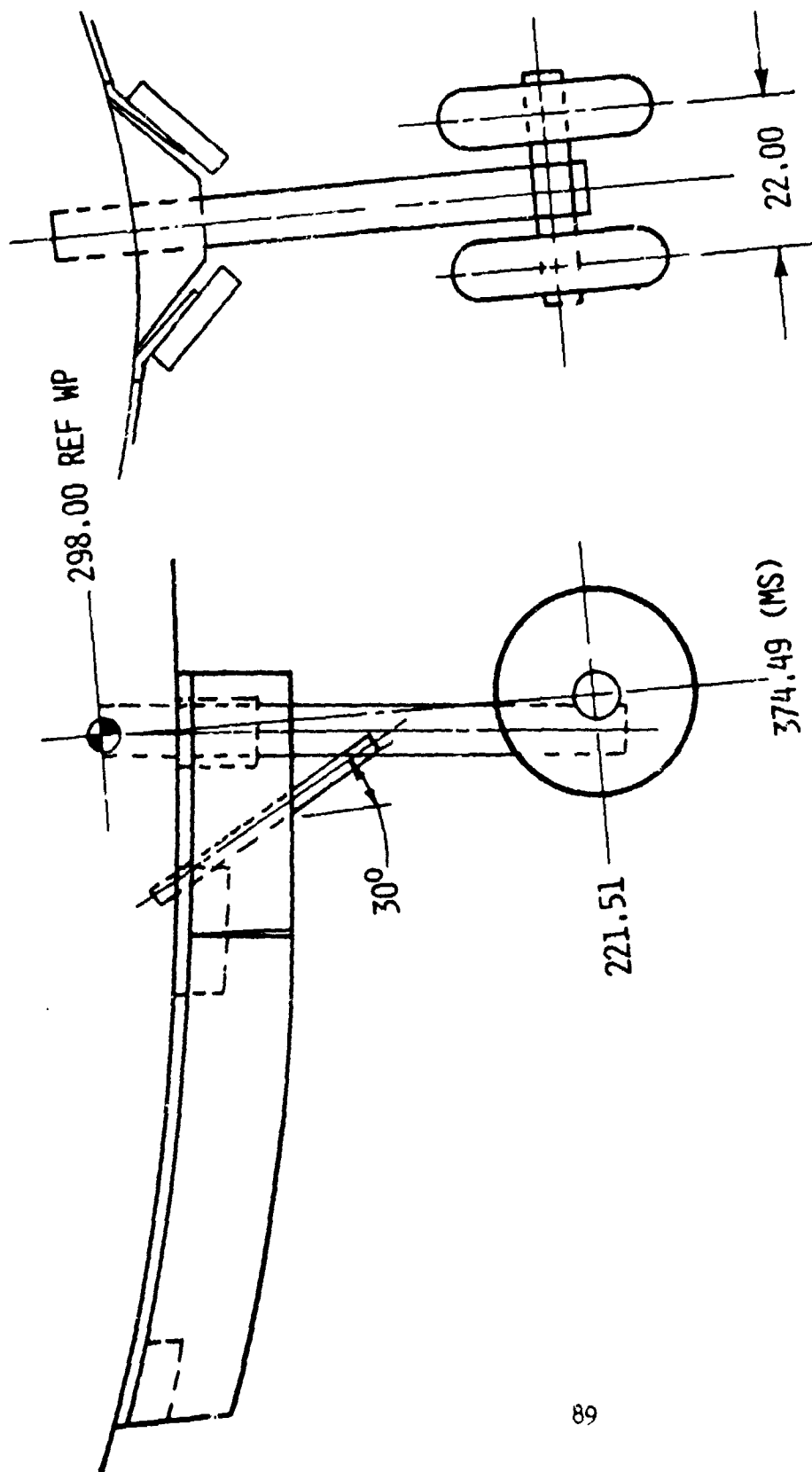
a. GENERAL ARRANGEMENT - 140 ORBITER.

Figure 2. - Model sketches.

All gaps are 1.50 inches deep

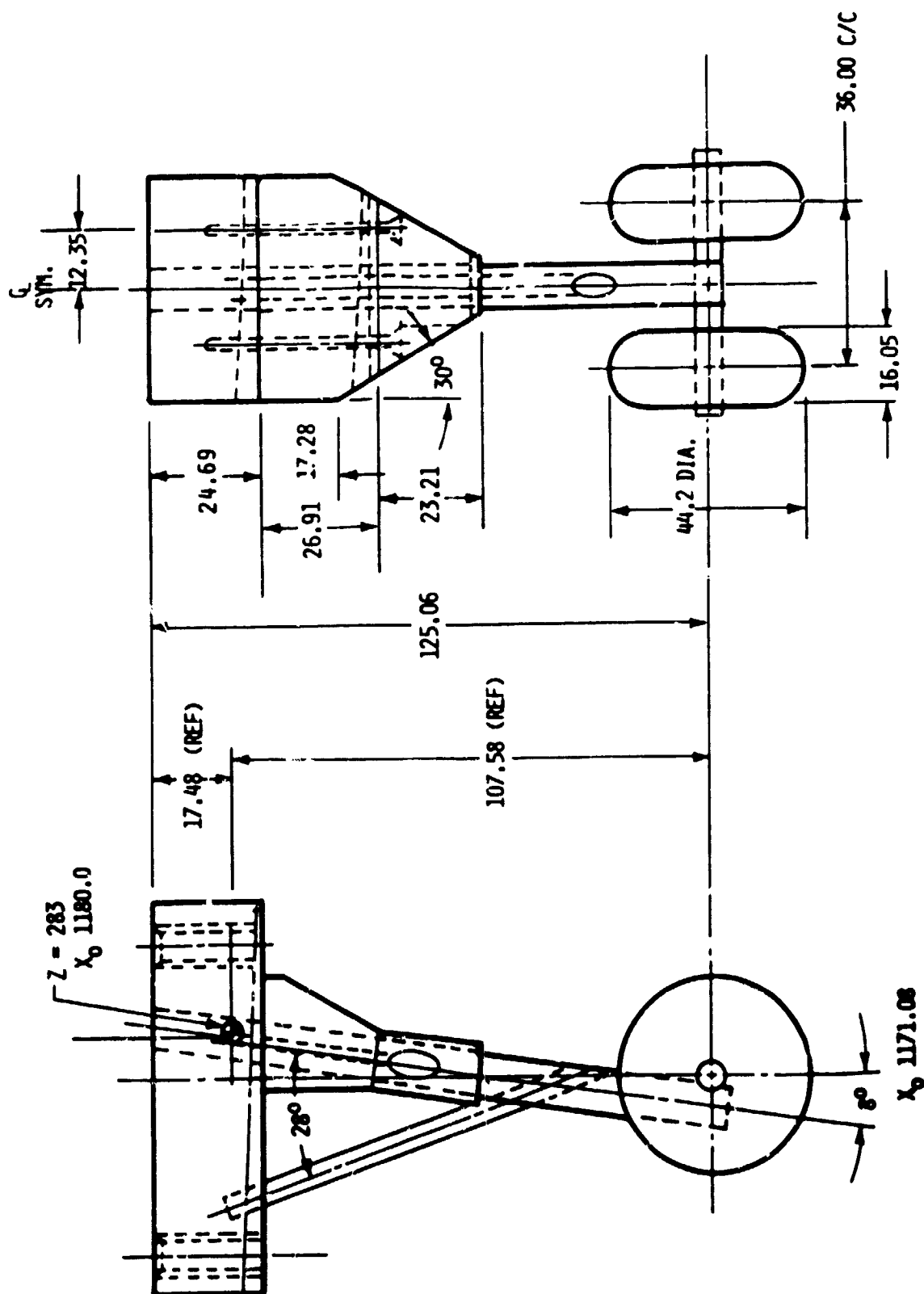


b. Cargo bay door and OMS pod gaps.
Figure 2. - Continued



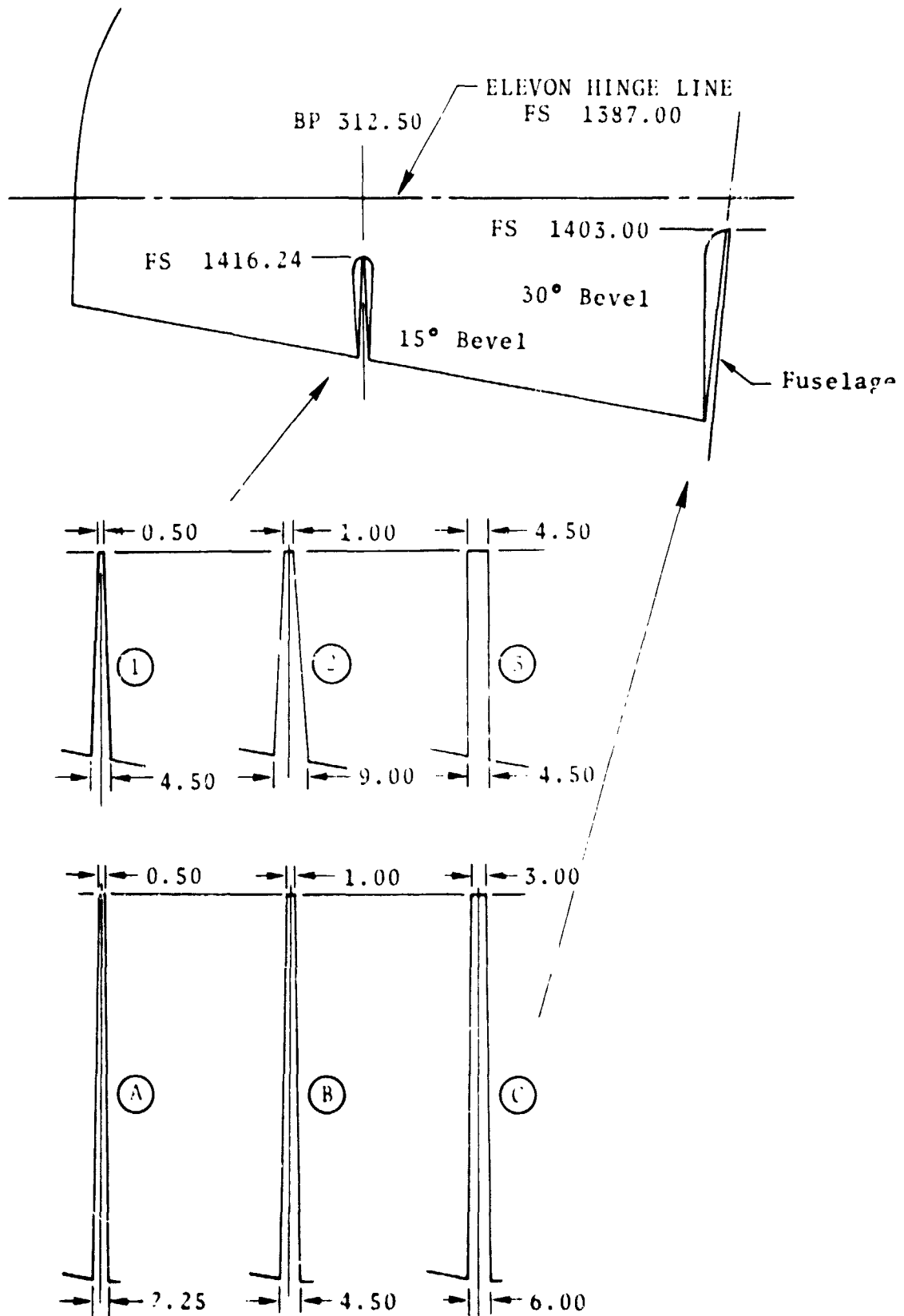
c. Nose landing gear, G_{15} .

Figure 2. - Continued.



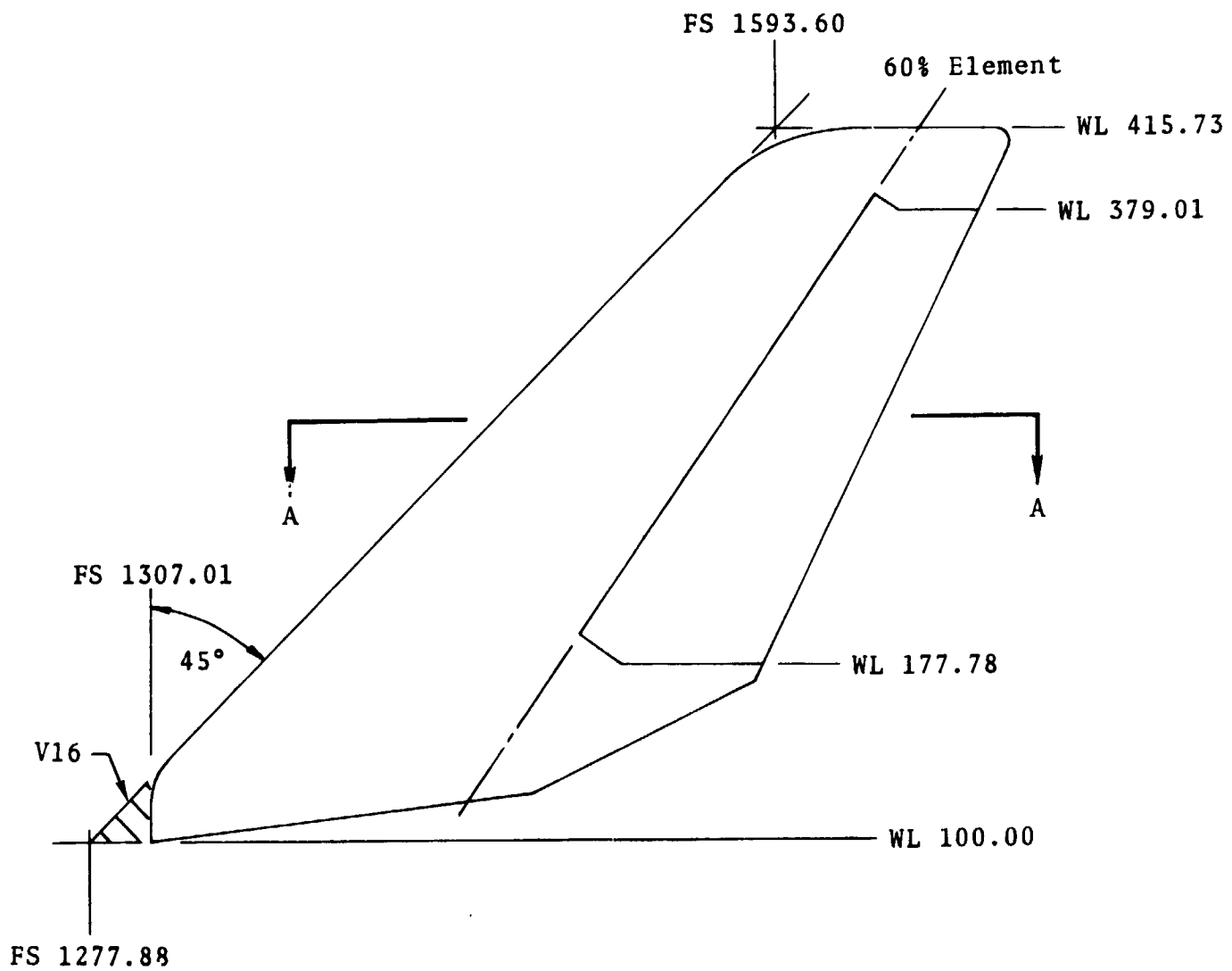
d. Main landing gear, G_{15} .

Figure 2. - Continued.



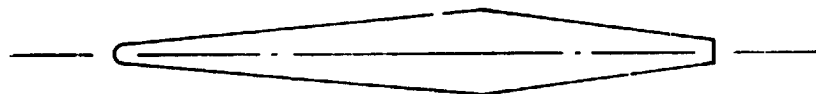
e. Elevon Gap configurations

Figure 2. - Continued.



Dimensions are full scale

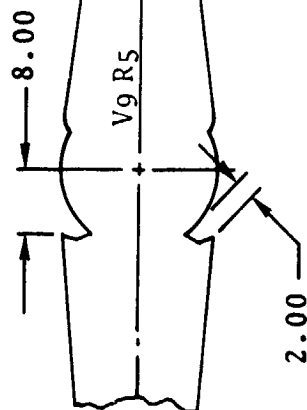
Section A-A



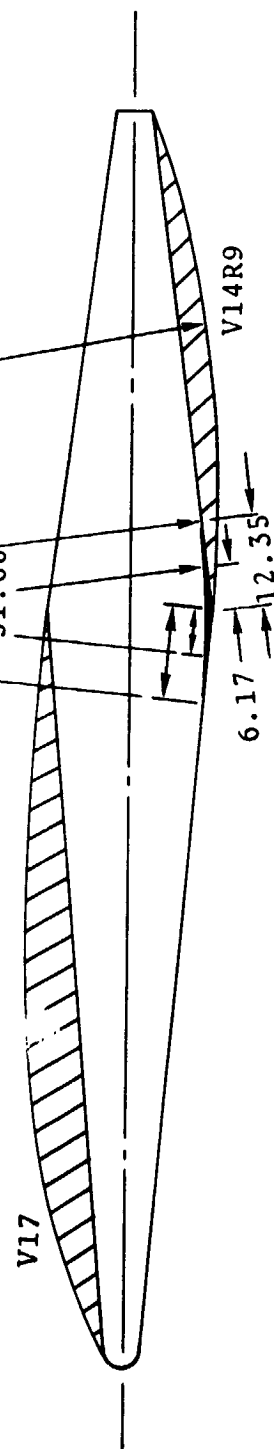
f. Vertical tail - V₈, V₁₆.

Figure 2. - Continued.

Rudder Hingeline

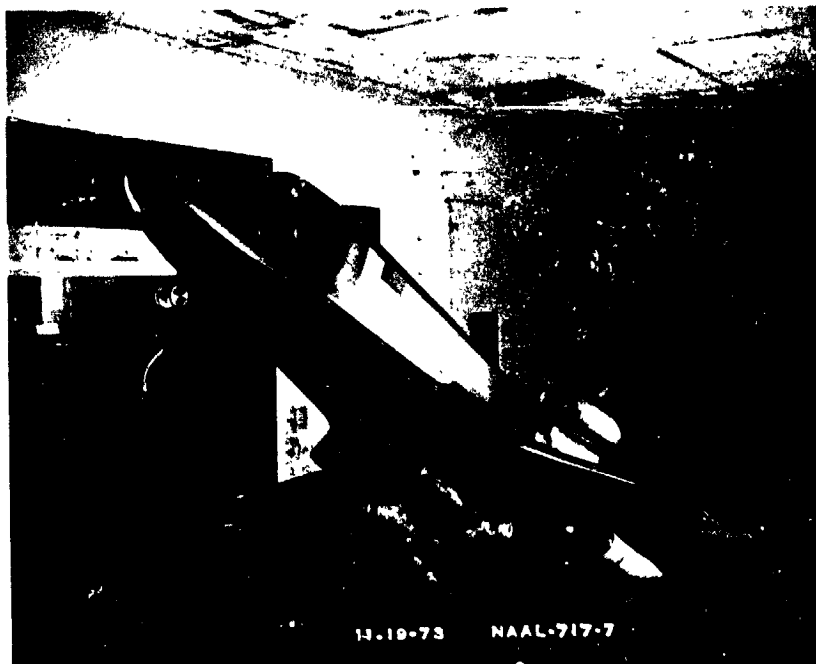


All contours are symmetrical
Dimensions are full scale

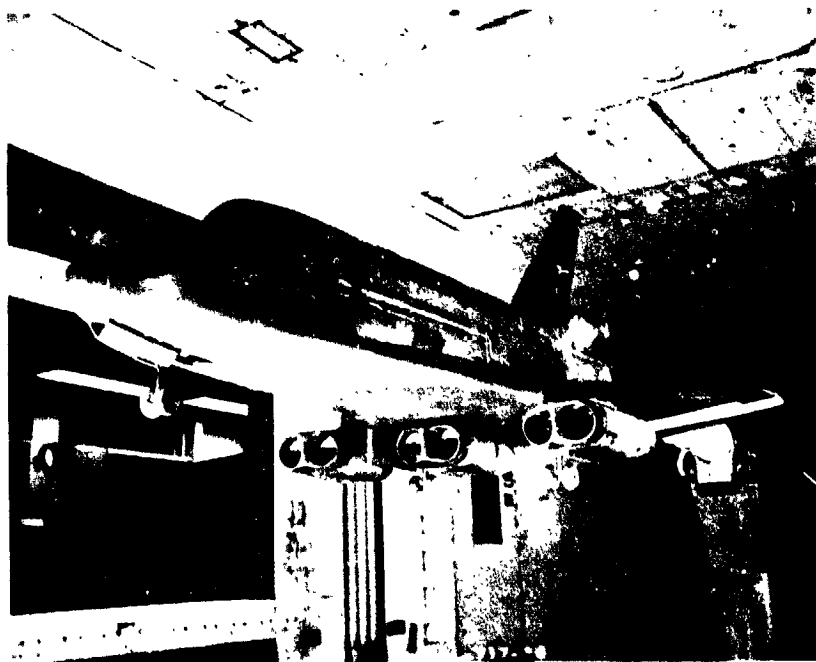


g. Vertical tail and rudder modifications.

Figure 2. - Concluded.



a. Ground plane in, overwing ABPS configuration



b. Free air, underwing ABPS configuration

Figure 3. - Model photographs.

DATA FIGURES

VOLUME II

See Volume I for Figures 1 thru 71.

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELEVON		SPDREF		BOFLAP		RUDDER		REFERENCE INFORMATION	
(802150)	8	04628	826C9	M7F8	V116E28V8R5X9	.000	25.000	-12.000	.000	SRR F	4.4119	SJ.F.T	
(802700)		04628	826C9	M7F8	V116E28V8R5	.000	25.000	-12.000	.000	IRF F	19.2299	INC.F.S	
										BRF F	37.9359	INC.F.S	
										XRPP	43.5874	INC.F.S	
										YRPP	.0000	INC.F.S	
										ZRPP	15.1875	INC.F.S	
										SCALE	.0405	SCALE	

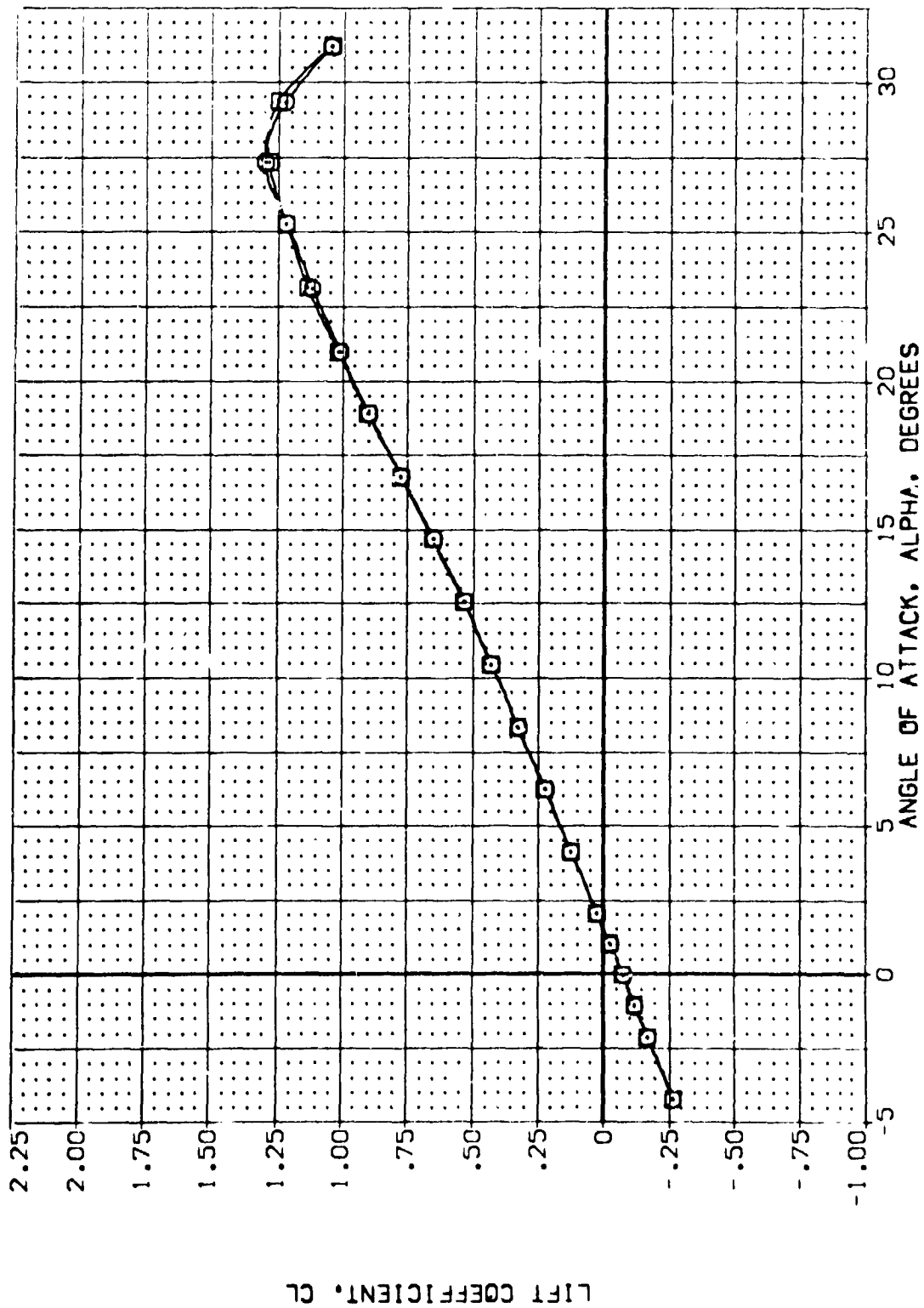


FIG 72 EFFECT OF GRIT, MACH = 0.26, ELEVON = 0 DEG.

(A)MACH = .26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BOFLAP	RUDDER	REFERENCE INFORMATION
(802150)	0A628 826C9 M718 V116E28V8FSK9	.000	25.000	-12.000	.000	SREF 4.4119 SC.FT.
(802200)	0A628 826C9 M718 V116E28V8FS	.000	25.000	-12.000	.000	LREF 19.2299 INCHES
						BREF 37.9359 INCHES
						XMPP 43.5974 INCHES
						YMPP .0000 INCHES
						ZMPP 15.1875 INCHES
						SCALE .0105 SCALE

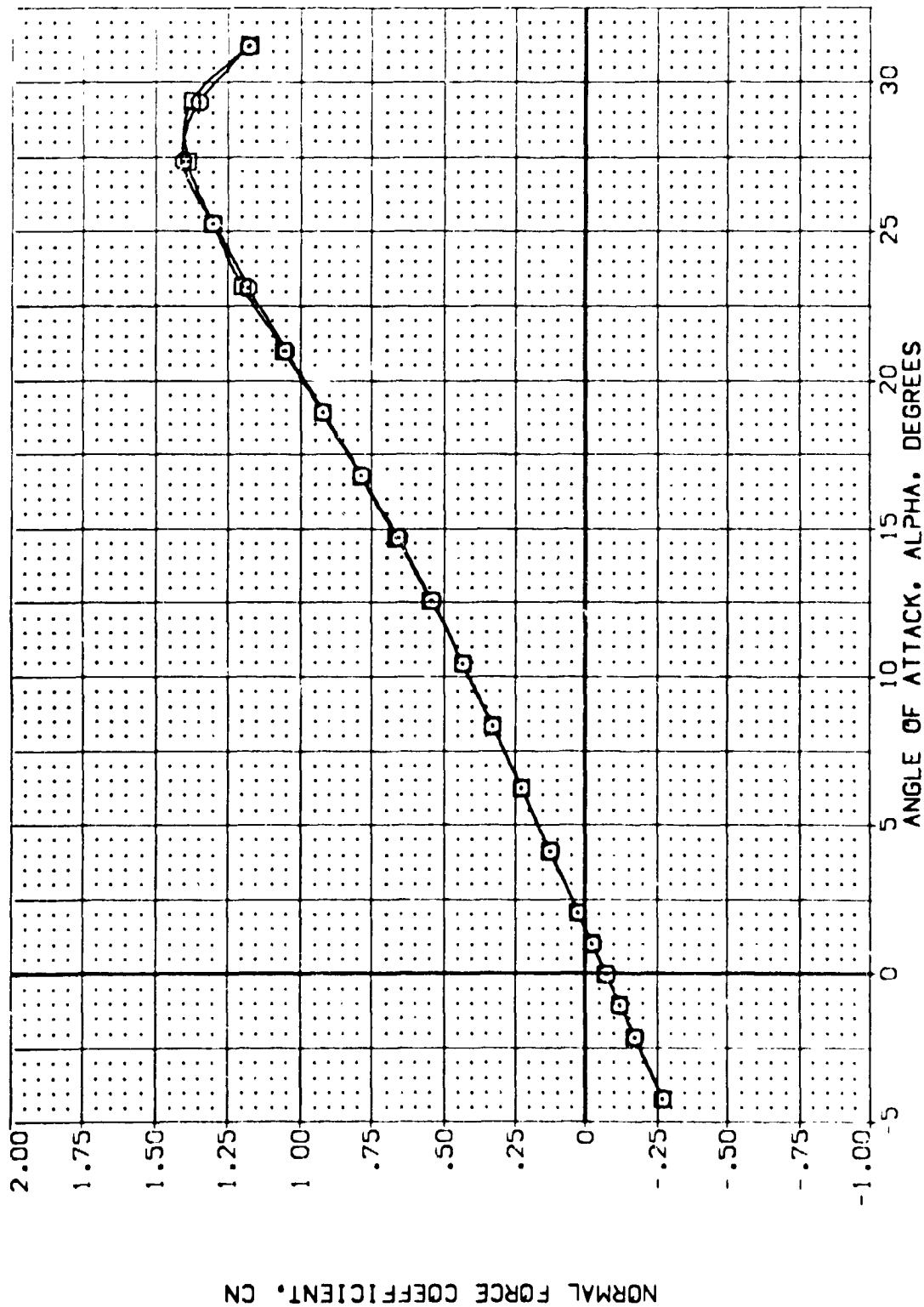


FIG 72 EFFECT OF GRIT, MACH = 0.26, ELEVON = 0 DEG.

(A) MACH = .26

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (802150) 04628 826C9 M78 8 V116E 28V8PSX9
 (802200) 04628 826C9 M78 8 V116E 28V8PS

ELEVON SPOBRK RS LAP RUDDER SREF REFERENCE INFORMATION
 .000 25.000 -12.000 .000 4.4119 SQRT
 .000 25.000 -12.000 .000 19.2799 NC+S
 XMRP 43.5974 NC+S
 YMRP .0000 NC+S
 ZMRP 15.1875 NC+S
 SCALE .0405 SCALE

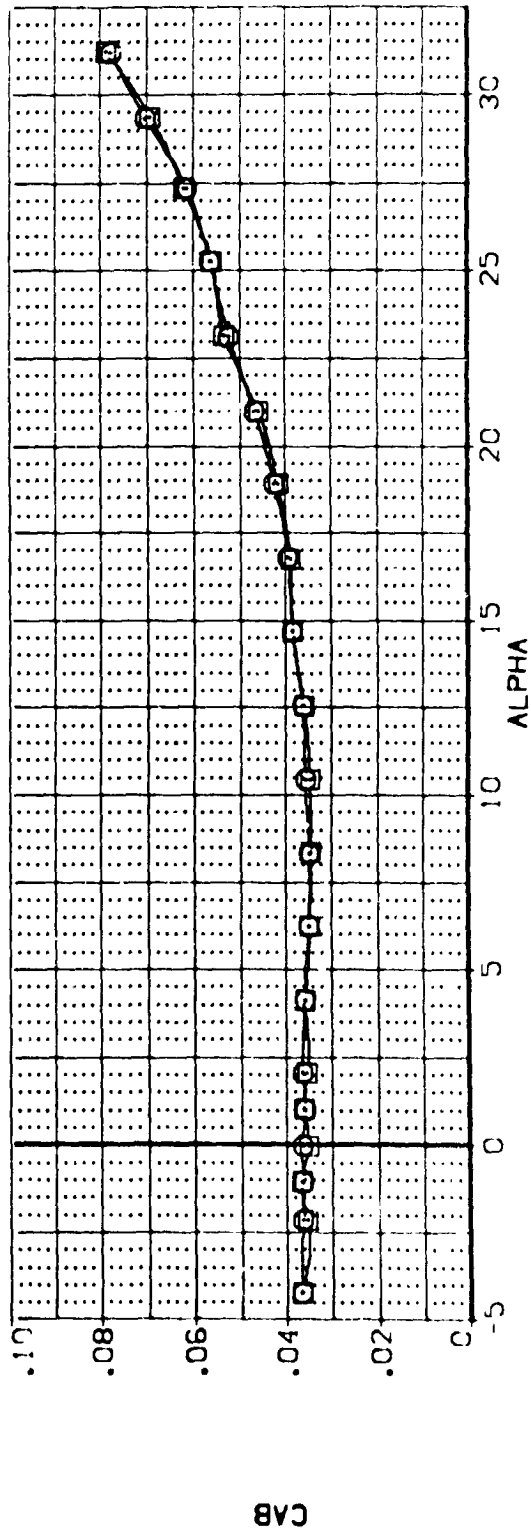
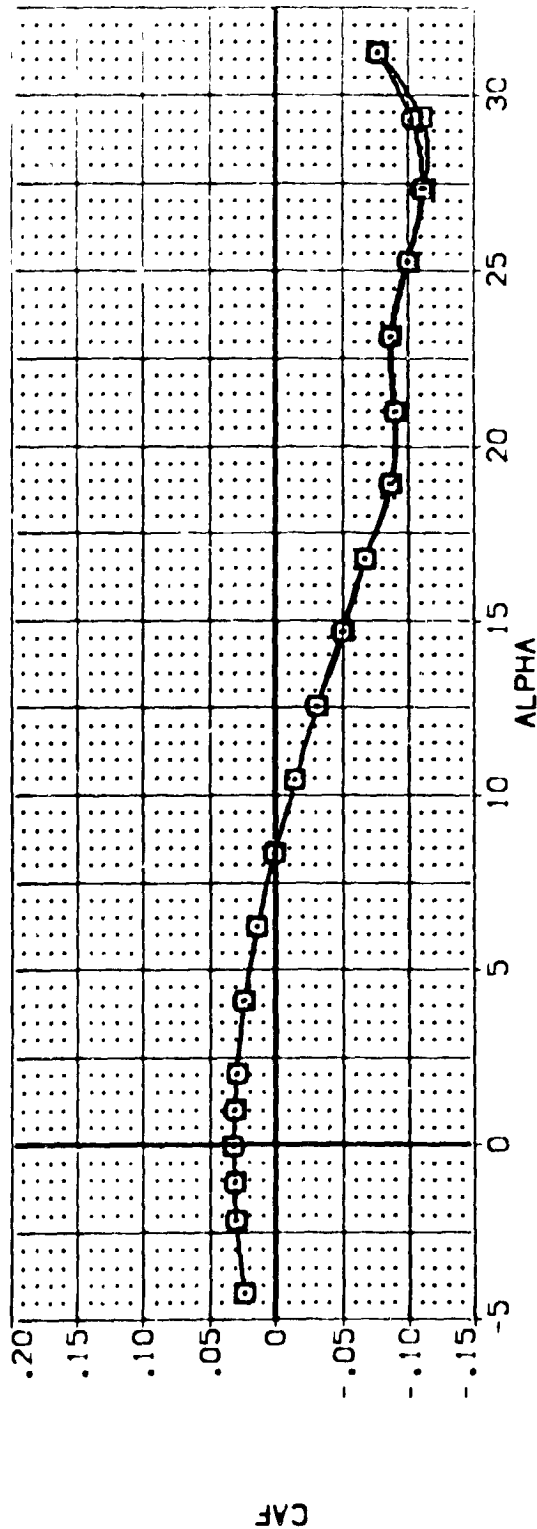


FIG 72 EFFECT OF GRIT, MACH = 0.26, ELEVON = 0 DEG.

(A) MACH = 0.26

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (802150) Q 0A628 B26C9 M7F8 W116E28V8R5K9
 (802700) Q 0A628 B26C9 M7F8 W116E28V8R5

ELEVON SPOBRK BDF LAP R-DOOR REFERENCE INFORMATION
 .000 25.000 -12.000 .000 SRF 4.4119 SC.F.T.
 .000 25.000 -12.000 .000 LRF 19.2289 NC.F.S
 .000 25.000 -12.000 .000 BR.F 37.9359 NC.F.S
 .000 25.000 -12.000 .000 XMRP 43.5574 NC.F.S
 .000 25.000 -12.000 .000 YMRP .0000 NC.F.S
 .000 25.000 -12.000 .000 ZMRP 15.1875 NC.F.S
 .000 25.000 -12.000 .000 SCALF .0405 SC.F.S

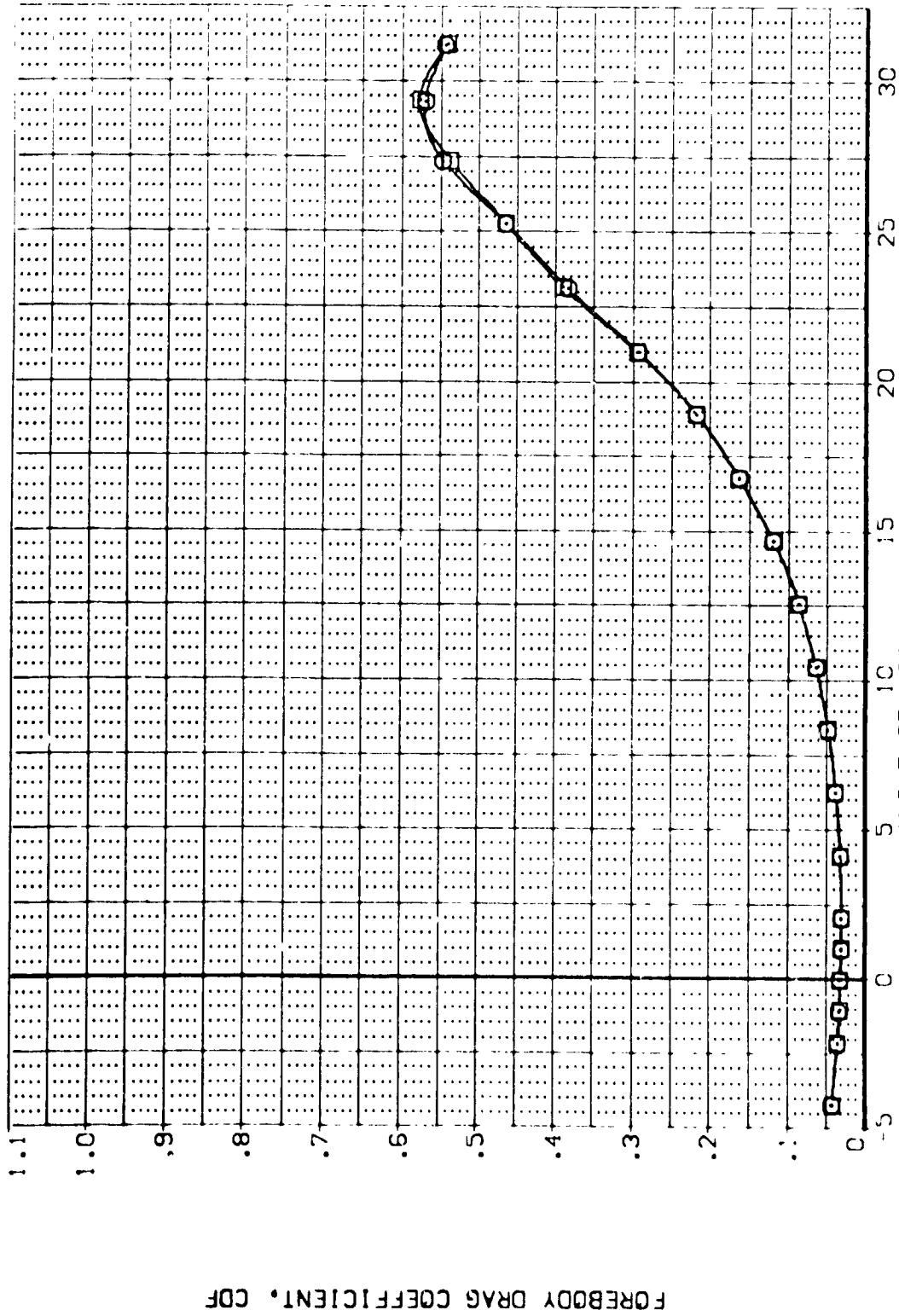


FIG 72 EFFECT OF GRIT, MACH = 0.26, ELEVON = 0 DEG.

(A) MACH = .26

DATA SET SYMBOL: (802150) (802700)
 CONFIGURATION DESCRIPTION: M78B M78B V116E28V8R5A9 V116E28V8R5

ELEVON: .000
 SPEED: 25.000
 BOFLAP: -12.000
 RUDDER: .000

REFERENCE INFORMATION:
 SREF: 4.4119 SC.FT
 LREF: 19.2795 SC.FT
 BREF: 37.9359 SC.FT
 XREF: 43.5974 SC.FT
 YREF: .0000 SC.FT
 ZREF: 15.1875 SC.FT
 SCALE: .0405

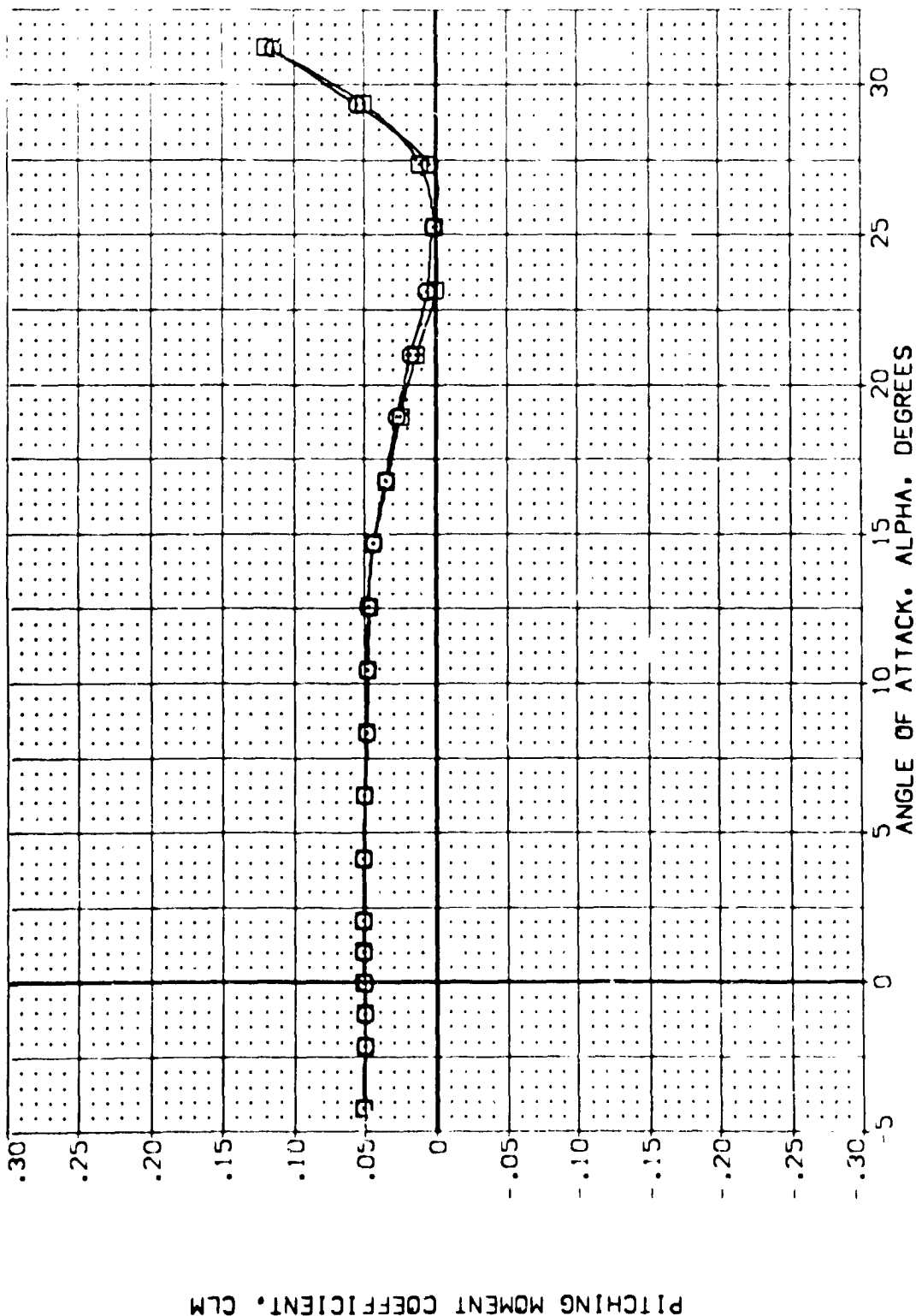


FIG 72 EFFECT OF GRIT, MACH = 0.26, ELEVON = 0 DEG.

(A) MACH = .26

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B02150) Q CAS28 B76CS M78 V116E28V8P5
 (B02200) Q CAS28 B76CS M78 V116E28V8P5

ELEVON SPOBRK BDF LAP RUDDER REFERENCE INFORMATION
 .000 25.000 -12.000 .000 SREF 4.4119 SCALE
 .000 25.000 -12.000 .000 LREF 19.7299 SCALE
 .000 25.000 -12.000 .000 BREF 37.9359 SCALE
 .000 25.000 -12.000 .000 XREF 43.5974 SCALE
 .000 25.000 -12.000 .000 YREF 15.1875 SCALE
 .000 25.000 -12.000 .000 ZREF 15.1875 SCALE

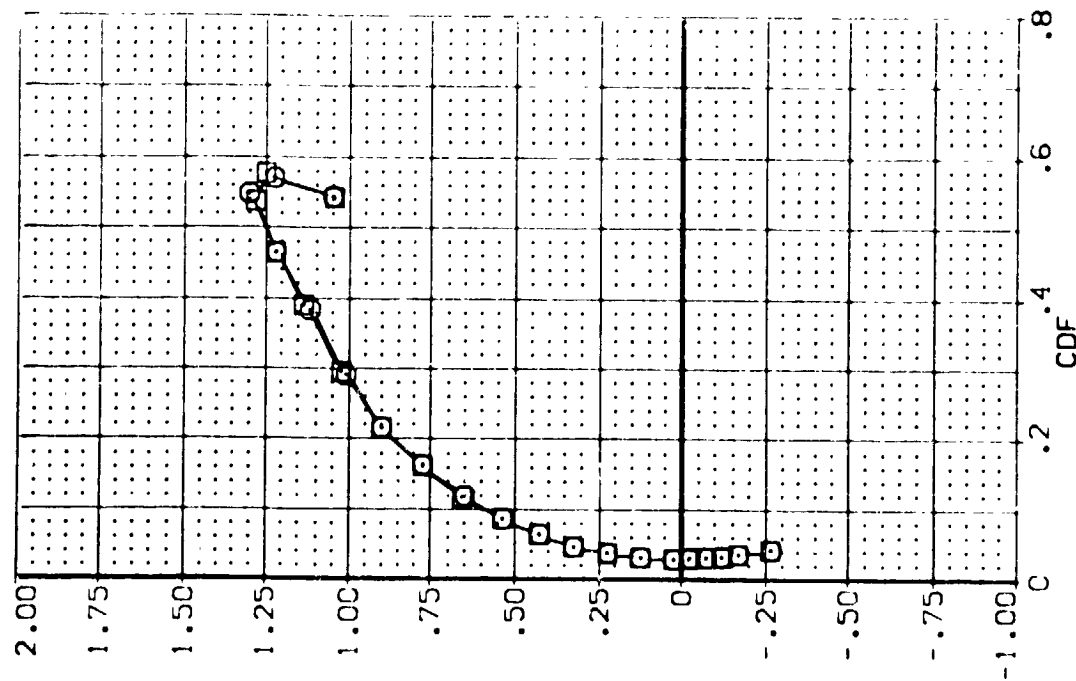
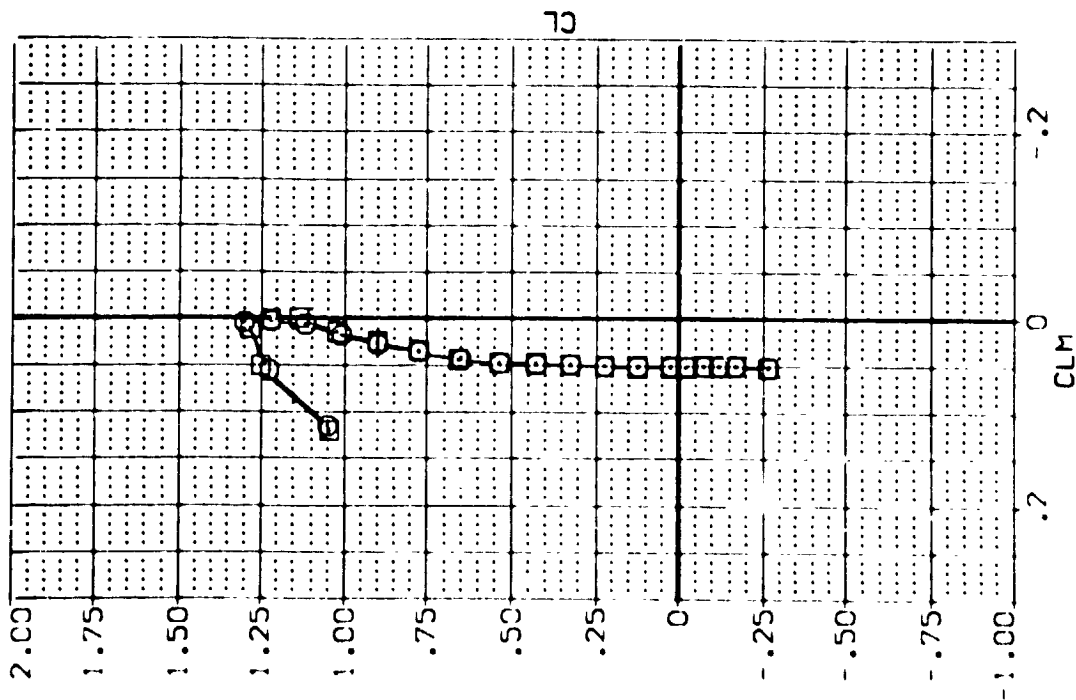


FIG 72 EFFECT OF GRIT, MACH = 0.26, ELEVON = 0 DEG.

(A) MACH = 0.26

REFERENCE INFORMATION	
SPRT	4.4119
LRFF	19.7259
BREF	37.9329
XMRP	43.5974
VMRP	6000
ZMRP	15.1805
SCALE	1000
	SCALE
	SCALE
	SCALE
	SCALE
	SCALE



(A)MAC. .26

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B02153) Q CAS28 B26C9 M7E3 V116E28V8PSW9
 (B022C1) CAS28 B26C9 M7E8 V116E28V8PS

ELEVON SPOBRK BDFLAP RUDDER
 .000 25.000 -12.000 .000
 .000 25.000 -12.000 .000

REFERENCE INFORMATION
 SREF 4.4119 SQ.FT.
 LREF 19.2299 INCHES
 BREF 37.9359 INCHES
 XMRP 43.5974 INCHES
 YMRP .0000 INCHES
 ZMRP 15.1875 INCHES
 SCALE .0405 SCALE

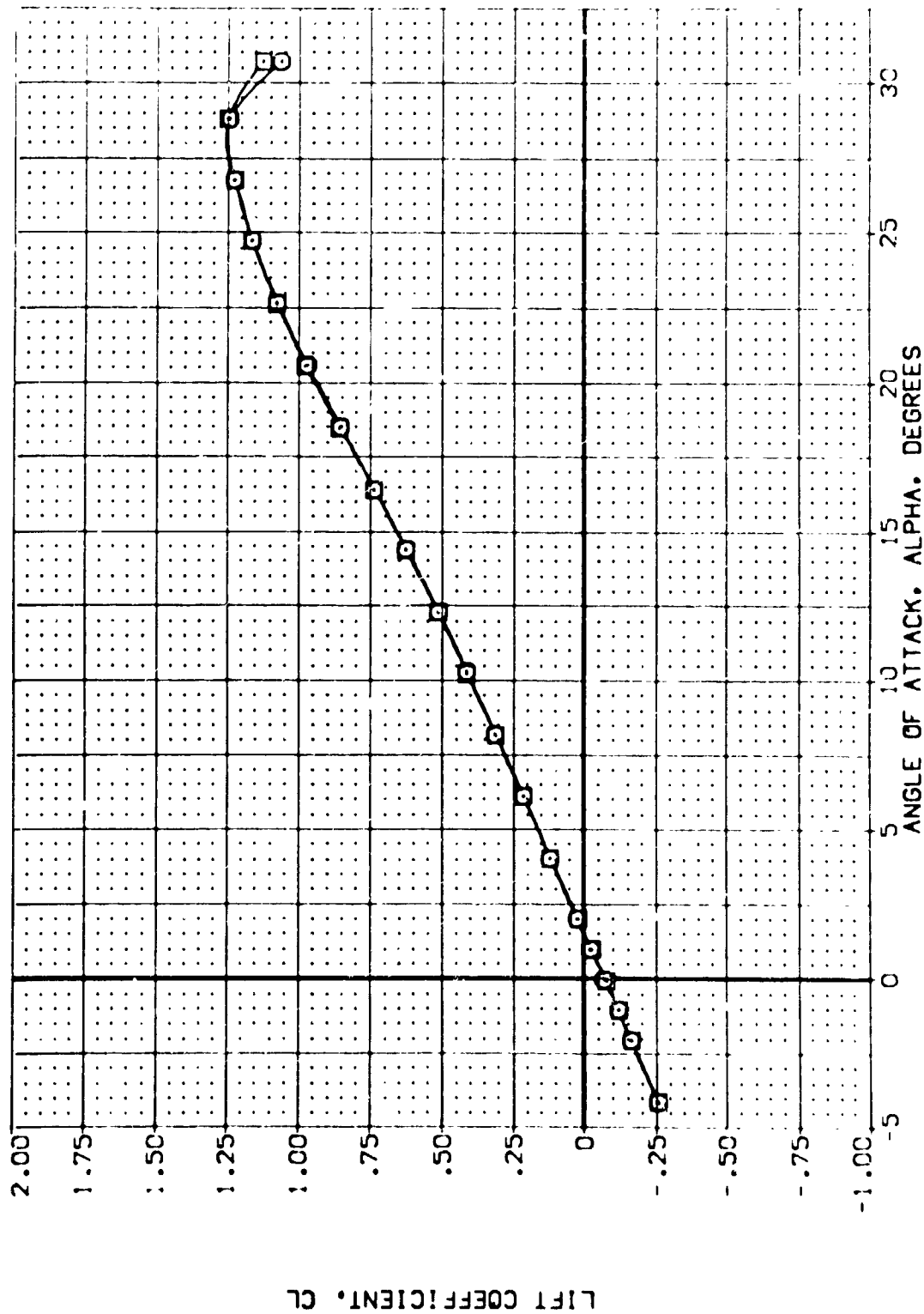


FIG 73 EFFECT OF GRIT, MAC = 0.16, ELEVON = 0

(A) MAC = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPRBRK	BOFLAP	RJDOOR	REFERENCE INFORMATION
(BDZ153)	0A628 B26C9 M7F8 V116E28V8R5X9	.000	25.000	-12.000	.000	SPREF 4.4118
(BDZ201)	0A629 B26C9 M7F8 V116E28V8R5	.000	25.000	-12.000	.000	LREF 19.22289
						BREF 37.9369
						XREF 43.5874
						YREF 15.000
						ZREF 15.1875
						SCALE .0405

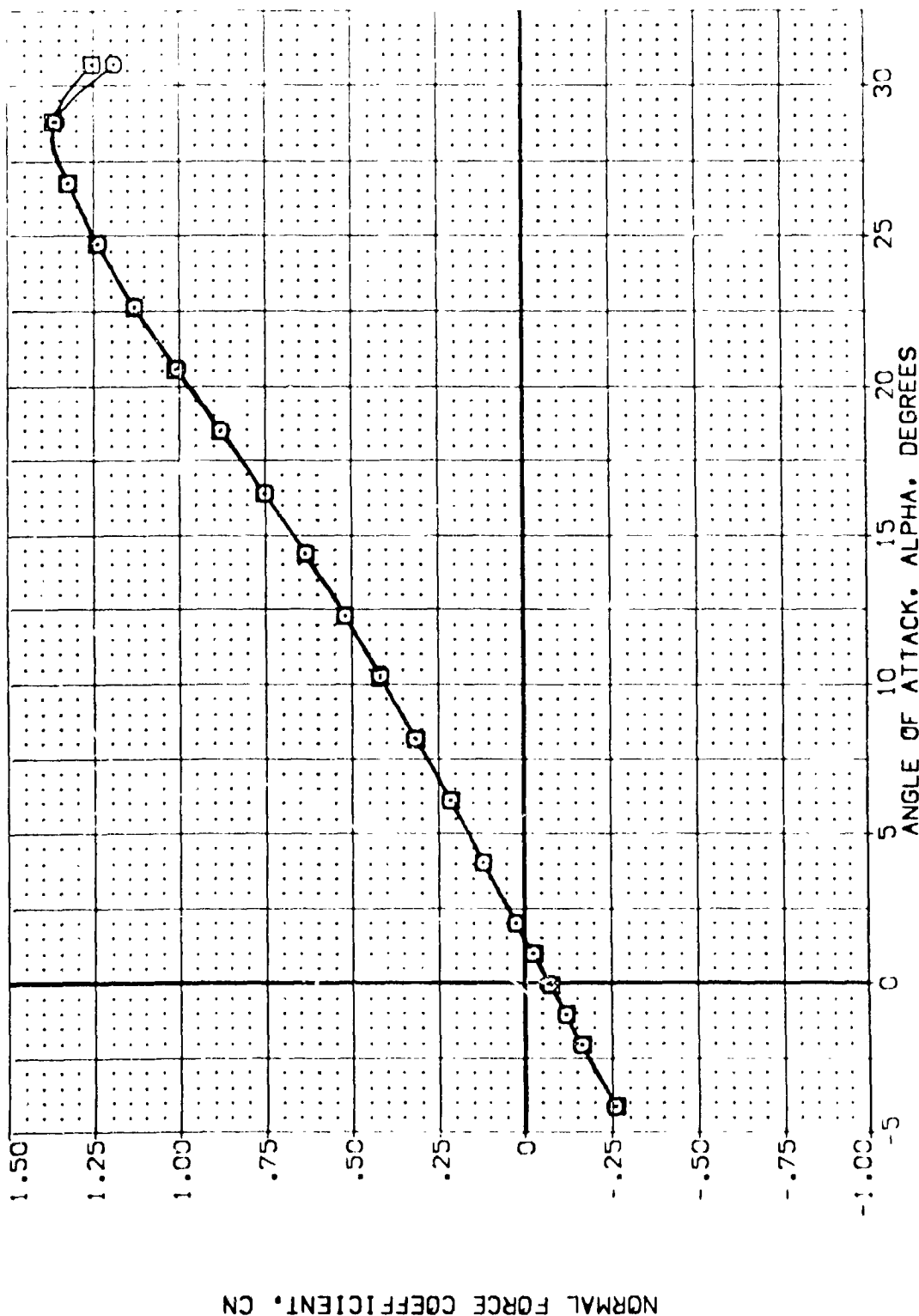


FIG 73 EFFECT OF GRIT, MACH = 0.16, ELEVON = 0

(A)MACH = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPODBK	BDFLAP	RJODER	REFERENCE INFORMATION
(B02153)	04628 B76C9 M7F8 V116E28V8R5X9	.000	25.000	-12.000	.000	SREF 4.4119 SCALE .5
(B02201)	04628 B76C9 M7F8 V116E28V8R5	.000	25.000	-12.000	.000	LREF 19.2299 SCALE .5
						BREF 37.9358 SCALE .5
						XREF 43.5574 SCALE .5
						YREF 15.1675 SCALE .5
						ZREF 15.1675 SCALE .5

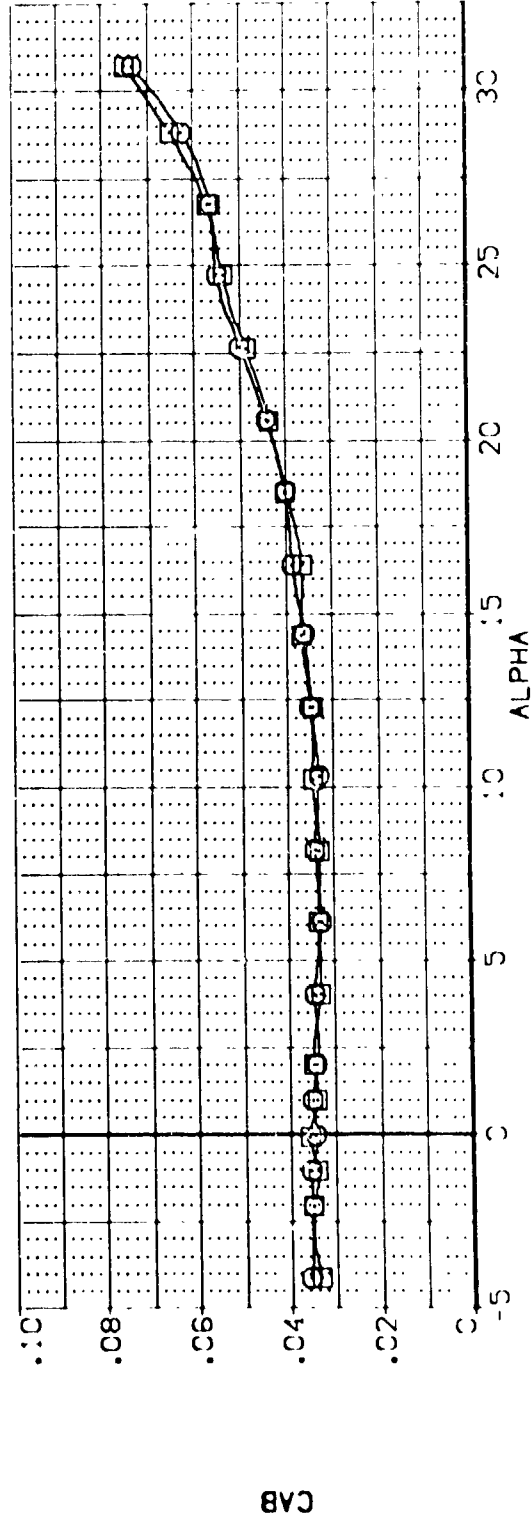
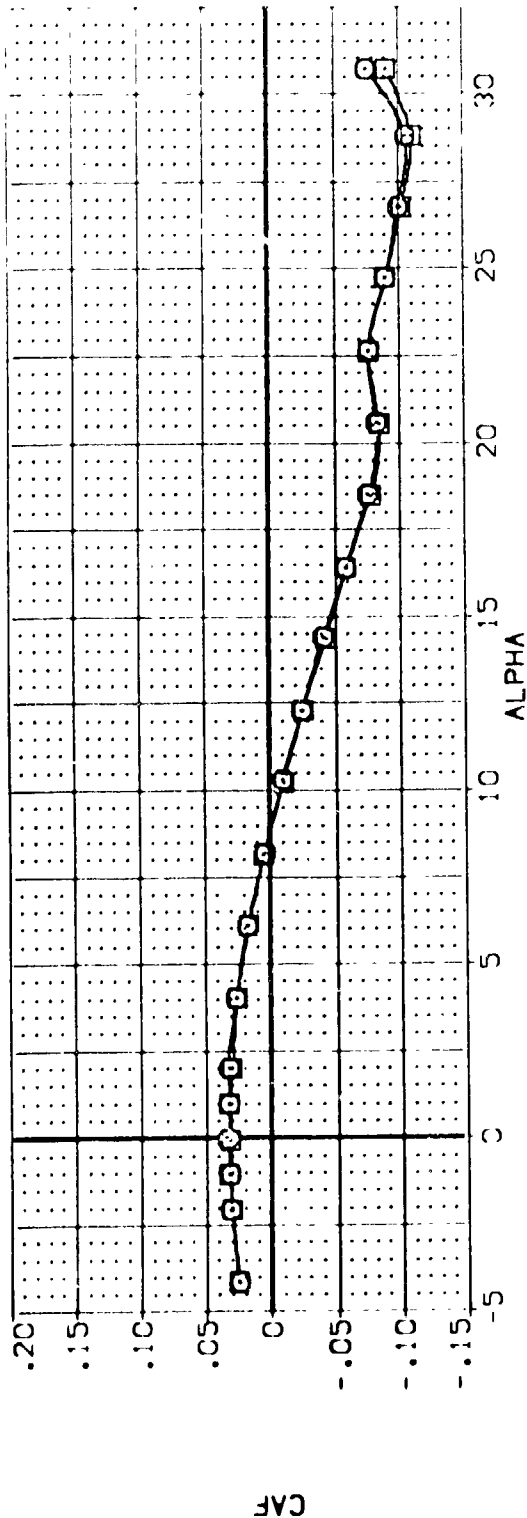


FIG 73 EFFECT OF GRIT, MACH = 0.16, ELEVON = 0

CABMAC = .16

DATA SET SYMBOL: [BC2153] [BC2201] CONFIGURATION DESCRIPTION: D4628 B26C9 MTF8 V116E28V8R5X9 D4629 B26C9 MTF8 V116E28V8R5 ELEVON: .000 .000 SPOBRK: 25.000 25.000 BOFLAP: -12.000 -12.000 RUDDER: .000 .000 REFERENCE INFORMATION: SREF: 4.4119 SQ.FT. LREF: 19.2269 INCHES DREF: 37.9369 INCHES XPRP: 43.5571 INCHES YPRP: .0000 INCHES ZPRP: 15.1875 INCHES SCALE: .0405

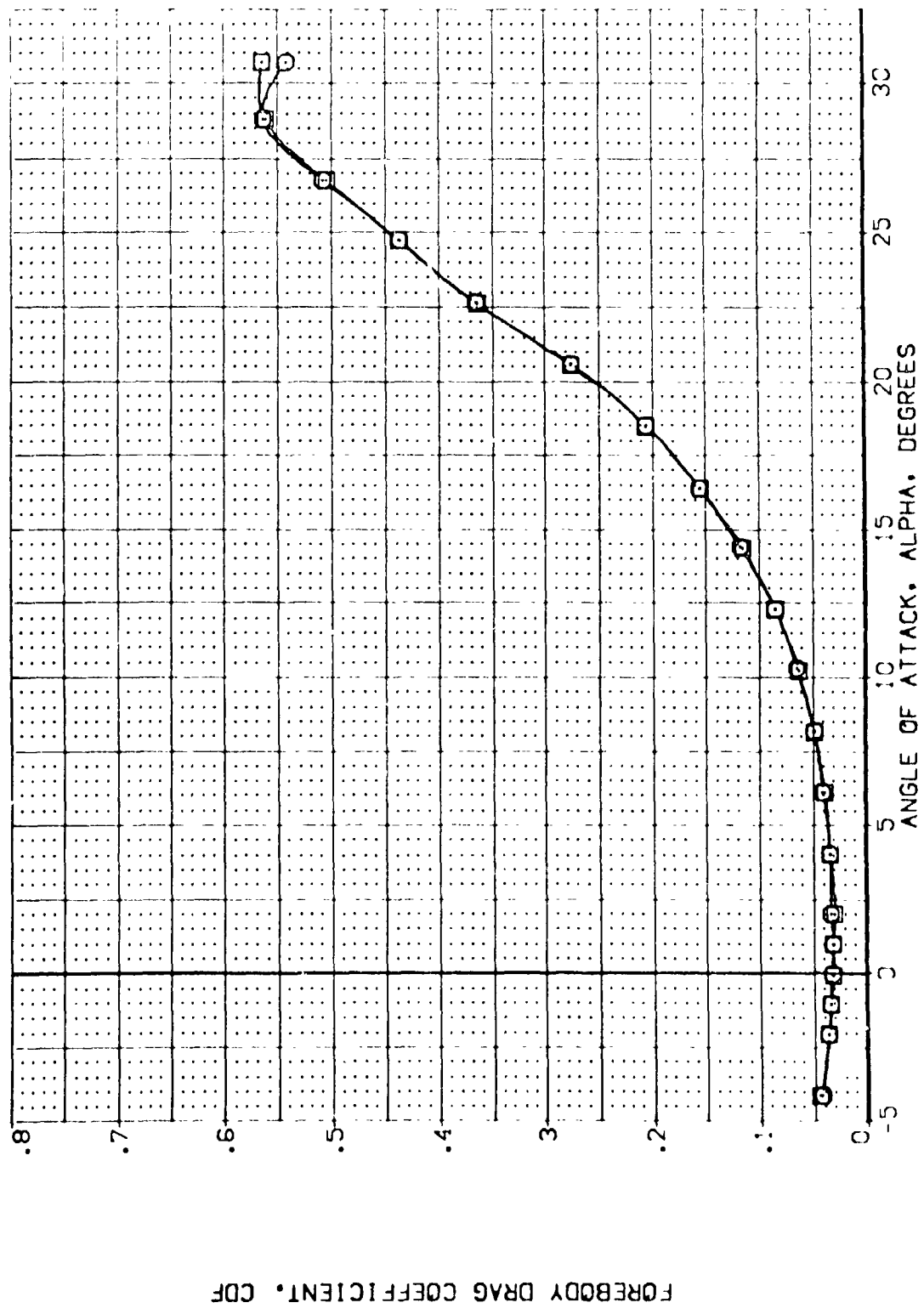


FIG 73 EFFECT OF GRIT, MACH = 0.16, ELEVON = 0

CALCULATED = .16

[illegible]

ELEVON SPOON BOFLAP RJOER

W. VAN DER WERF

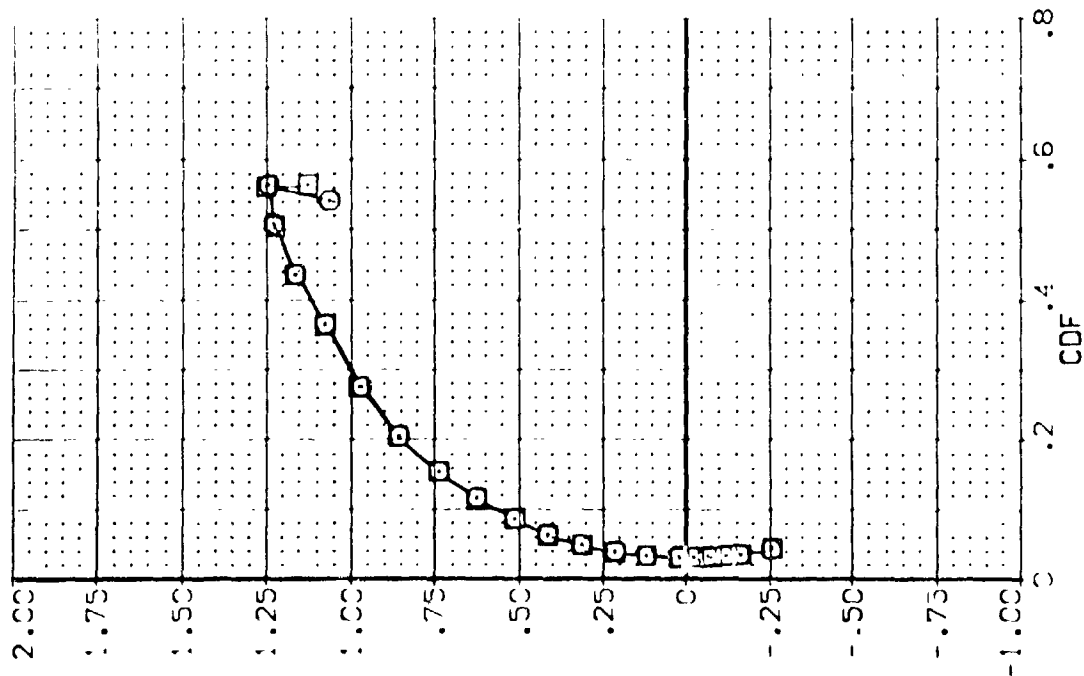
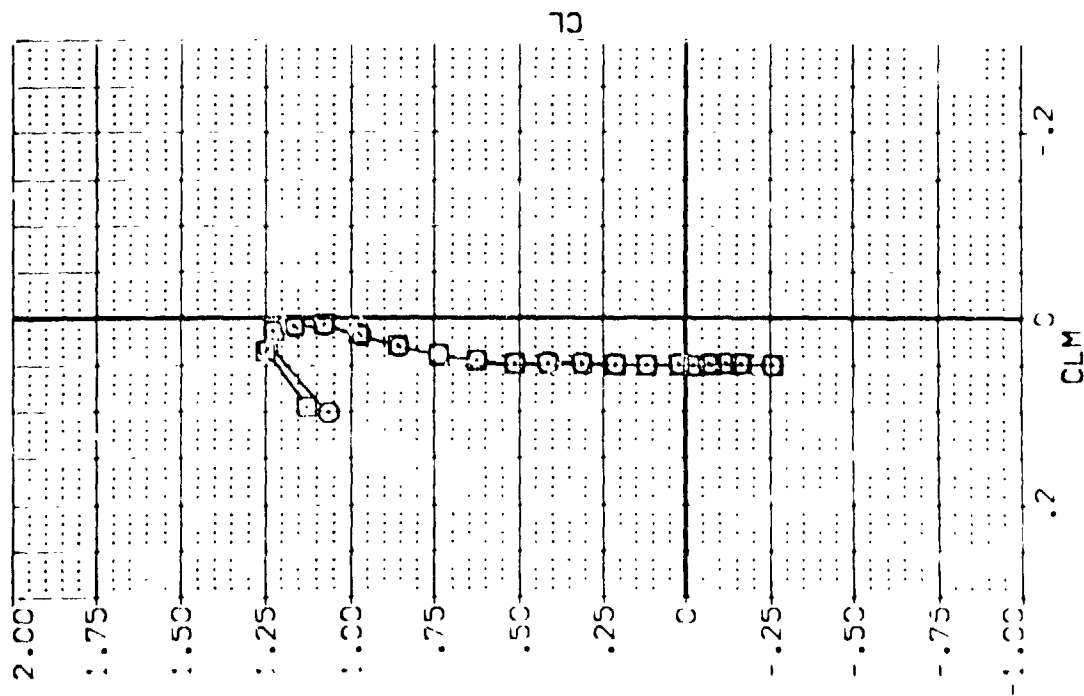


FIG 73 EFFECT OF GRIT, MACH = 0.16, ELEVEN = 0

(A) (U) (C) 1

LONGITUDINAL CENTER OF PRESSURE, XCP/L

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B07153) 01629 B76C9 W7 B V116E28V8P5X19
 (B07701) 01629 B76C9 W7 B V116E28V8P5

ELEVON SPOBOM BOFLAP RDOOR
 .000 25.000 -12.000 .000
 .000 25.000 -12.000 .000

REFERENCE INFORMATION
 SPREF 4.419 SCREF 1.0
 LREF 19.2298
 BREF 37.9319
 XREF 43.5814
 YREF 1.0000
 ZREF 15.875
 SCALE 1.0000

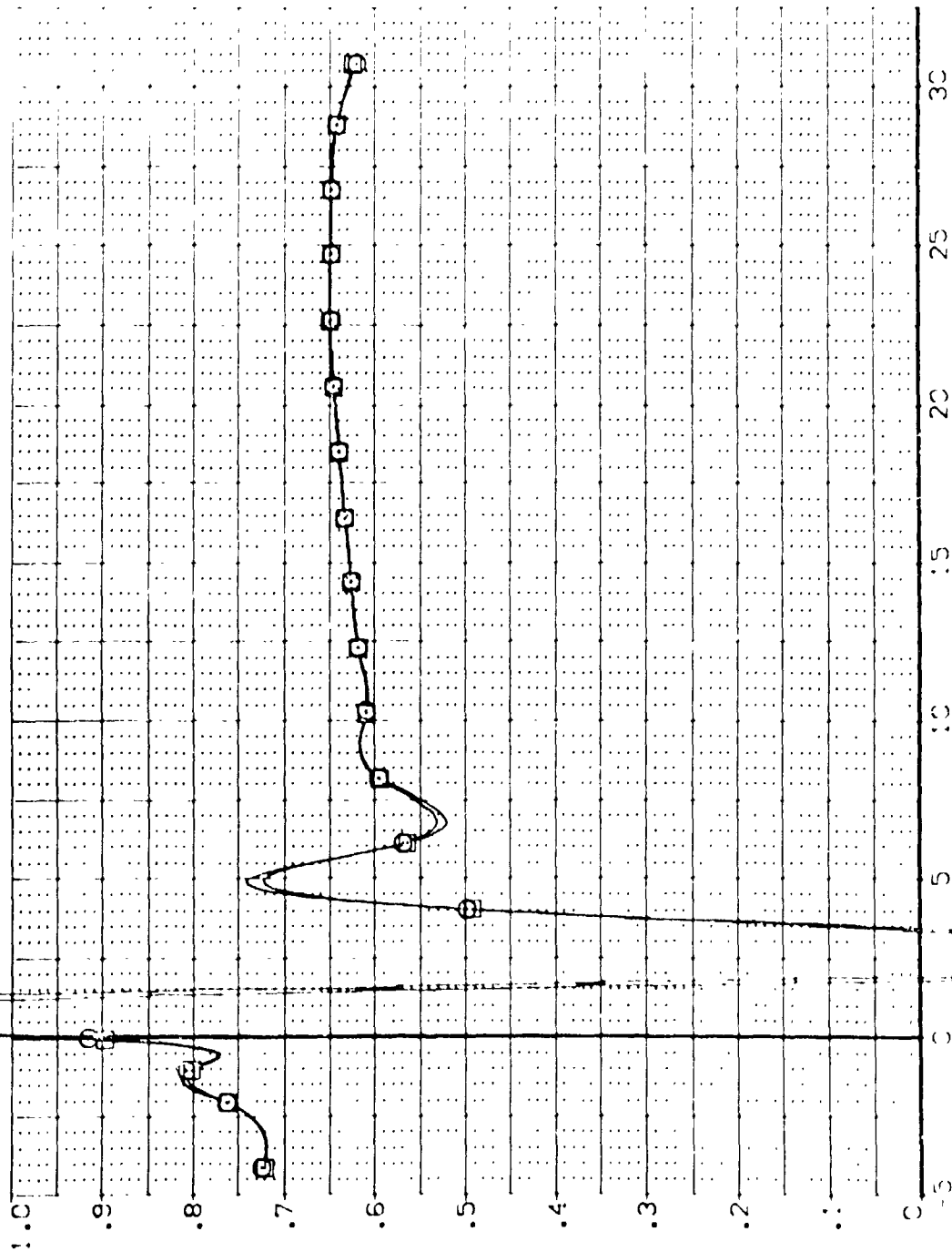


FIG 73 EFFECT OF GRIT, MACH = 0.16, ELEVON = 0

CAS/MACH = 0.16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDOLAP	REFERENCE INFORMATION
3021171	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	4.418
3021172	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	9.2798
3021173	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	37.9338
3021174	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	43.5974
3021175	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	15.1875
3021176	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	15.1875
3021177	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	15.1875
3021178	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	15.1875
3021179	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	15.1875
3021180	0A628 B76C9 W7F8 V 6E78V8F5X9	.000	25.000	-12.000	.000	15.1875

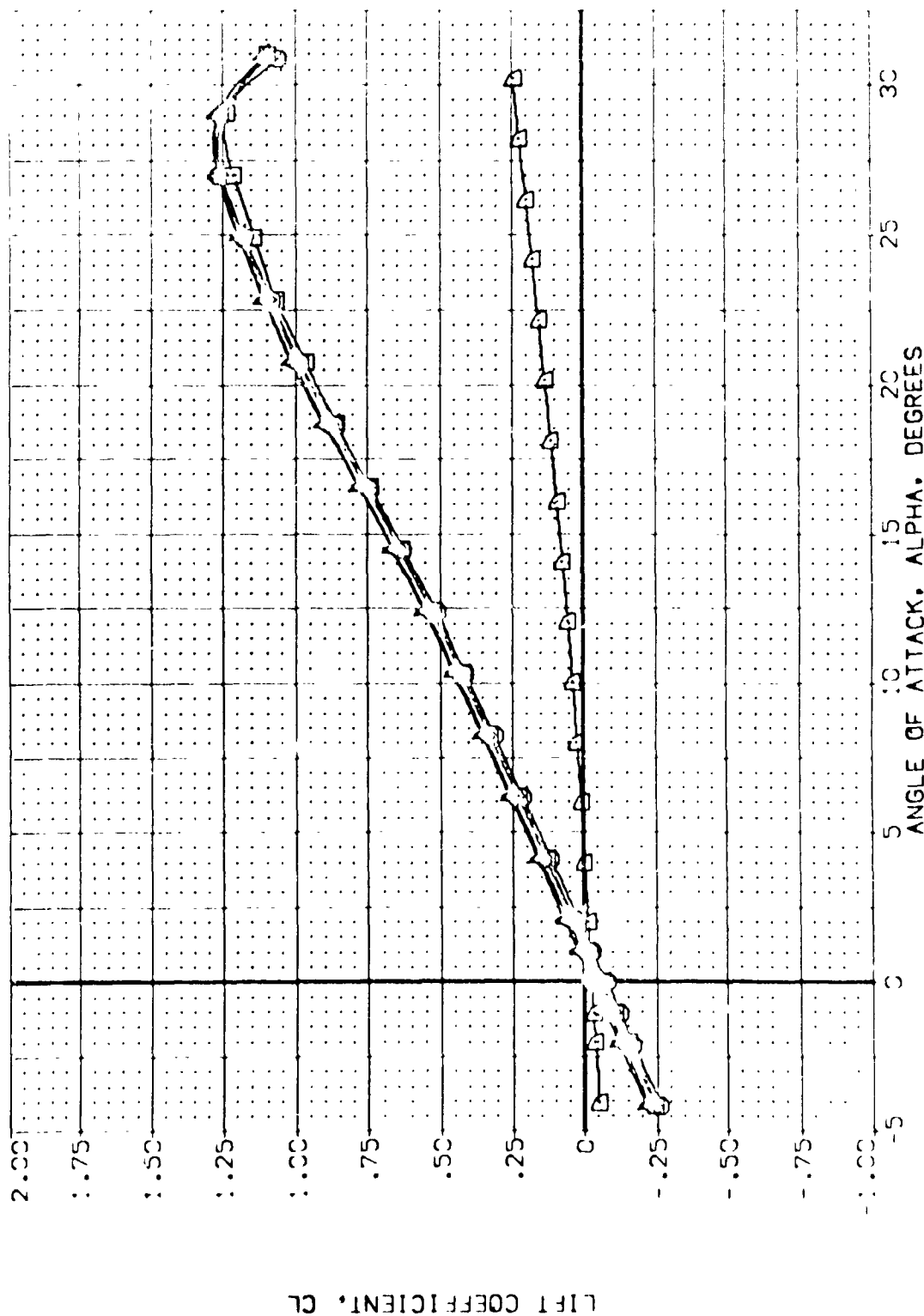


FIG 74 MODEL BUILDUP, LONGITUDINAL STABILITY

(A)MAC = .20

NORMAL FORCE COEFFICIENT, CN

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRM	BOFLAP	RUDER	REFERENCE INFORMATION
[807117]	CA628 B26C9 M7F8 V116E28V8RSX9	.000	25.000	-12.000	.000	SRFC 4.4119 SCFT 1.000
[807202]	CA628 B26C9 M7F8 V116E28V8RSX9	.000	25.000	-12.000	.000	SRFC 19.2799 SCFT 1.000
[807270]	CA628 B26C9 M7F8 V116E28V8RSX9	.000	25.000	-12.000	.000	SRFC 37.9359 SCFT 1.000
[807214]	CA628 B26C9 M7F8 V116E28V8RSX9	.000	25.000	-12.000	.000	SRFC 43.5874 SCFT 1.000
[807208]	CA628 B26C9 M7F8 V116E28V8RSX9	.000	25.000	-12.000	.000	SRFC 43.5874 SCFT 1.000
[807443]	CA628 B26C9 M7F8 V116E28V8RSX9	.000	25.000	-12.000	.000	SRFC 43.5874 SCFT 1.000

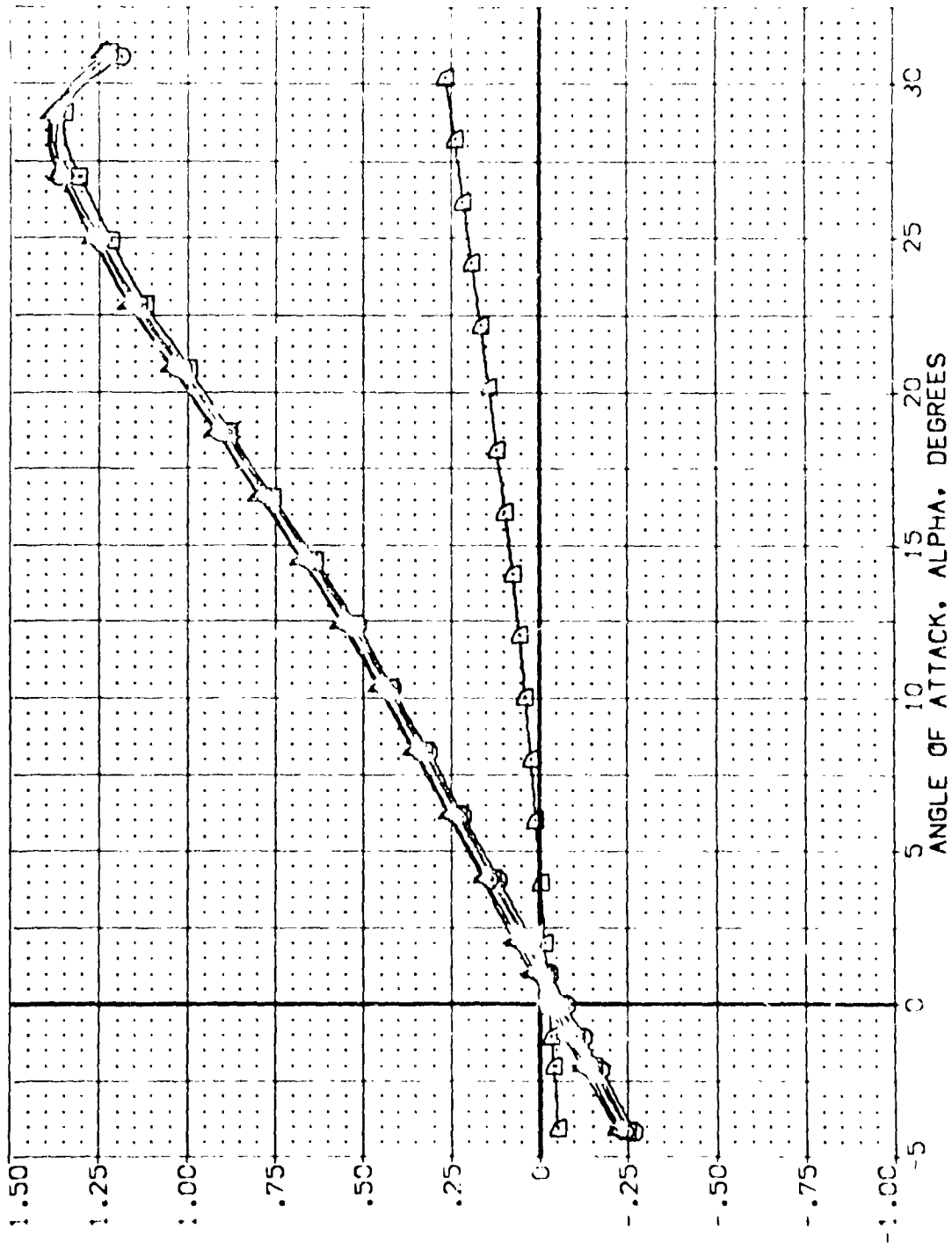


FIG 74 MODEL BUILDUP, LONGITUDINAL STABILITY

CAMAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDER	REFERENCE	SCALE
[802117]	CA628 B76C9 M78 V116E28VBR5X9	.000	25.000	-12.000	.000	SREF	4.418
[802122]	CA628 B76C9 M7 V116E28VBR5X9	.000	25.000	-12.000	.000	LRP	19.2258
[80227C]	CA628 B76C9 M78 V116E28 V8	.000	25.000	-12.000	.000	BRP	37.9359
[802274]	CA628 B76C9 F8 V116E28 V8	.000	25.000	-12.000	.000	Y400	43.5974
[802208]	CA628 B76C9 F8 V116E28VBR5X9	.000	25.000	-12.000	.000	Y400	43.5974
[802443]	CA628 B76C9 F8 V116E28VBR5X9	.000	25.000	-12.000	.000	Y400	43.5974

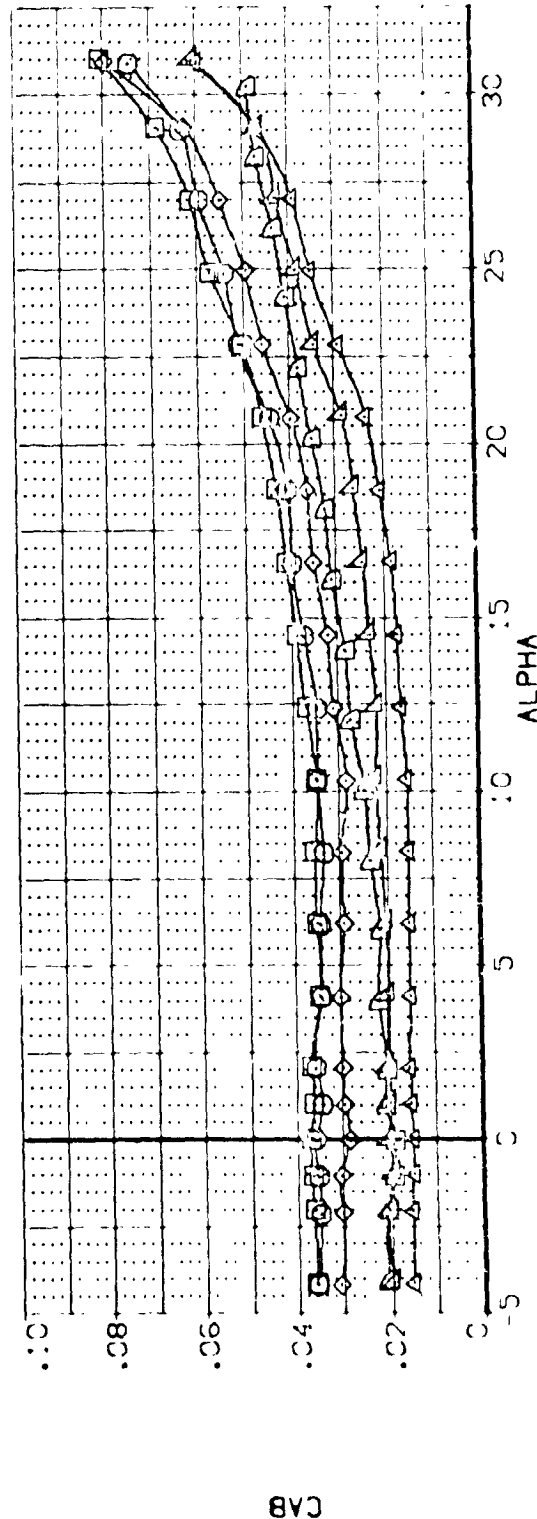
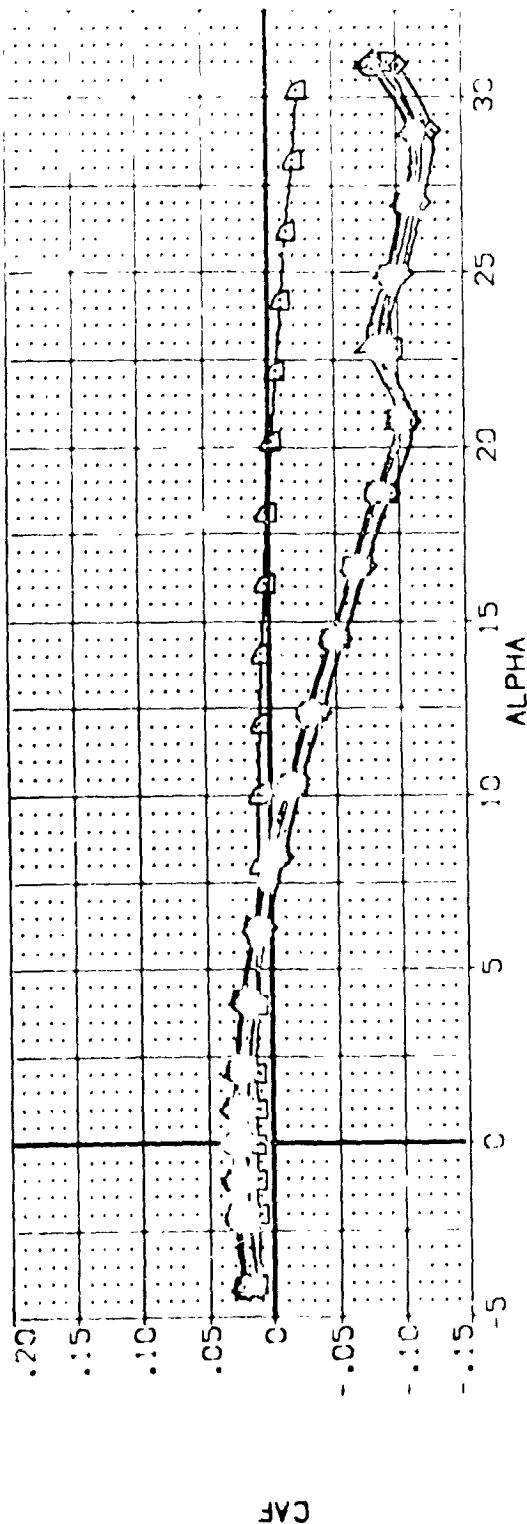


FIG 74 MODEL BUILDUP. LONGITUDINAL STABILITY

CAMACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDDER	REFERENCE INFORMATION
BC2117	CA628 B26C9 M78 V16E28V85X9	.000	25.000	-12.000	.000	SREF 4.419 SCALARS
BC2122	CA628 B26C9 M78 V16E28V85X9	.000	25.000	-12.000	.000	LRX 19.2799 SCALARS
BC2127	CA628 B26C9 M78 V16E28V85X9	.000	25.000	-12.000	.000	BRX 37.9359 SCALARS
BC214	CA628 B26C9 F8 V16E28V85X9	.000	25.000	-12.000	.000	XMPD 43.5874 SCALARS
BC2208	CA628 B26C9 F8 V16E28V85X9	.000	25.000	-12.000	.000	YMPD 15.1873 SCALARS
BC2443	CA628 B26C9 F8 V16E28V85X9	.000	25.000	-12.000	.000	SCALE .0403 SCALARS

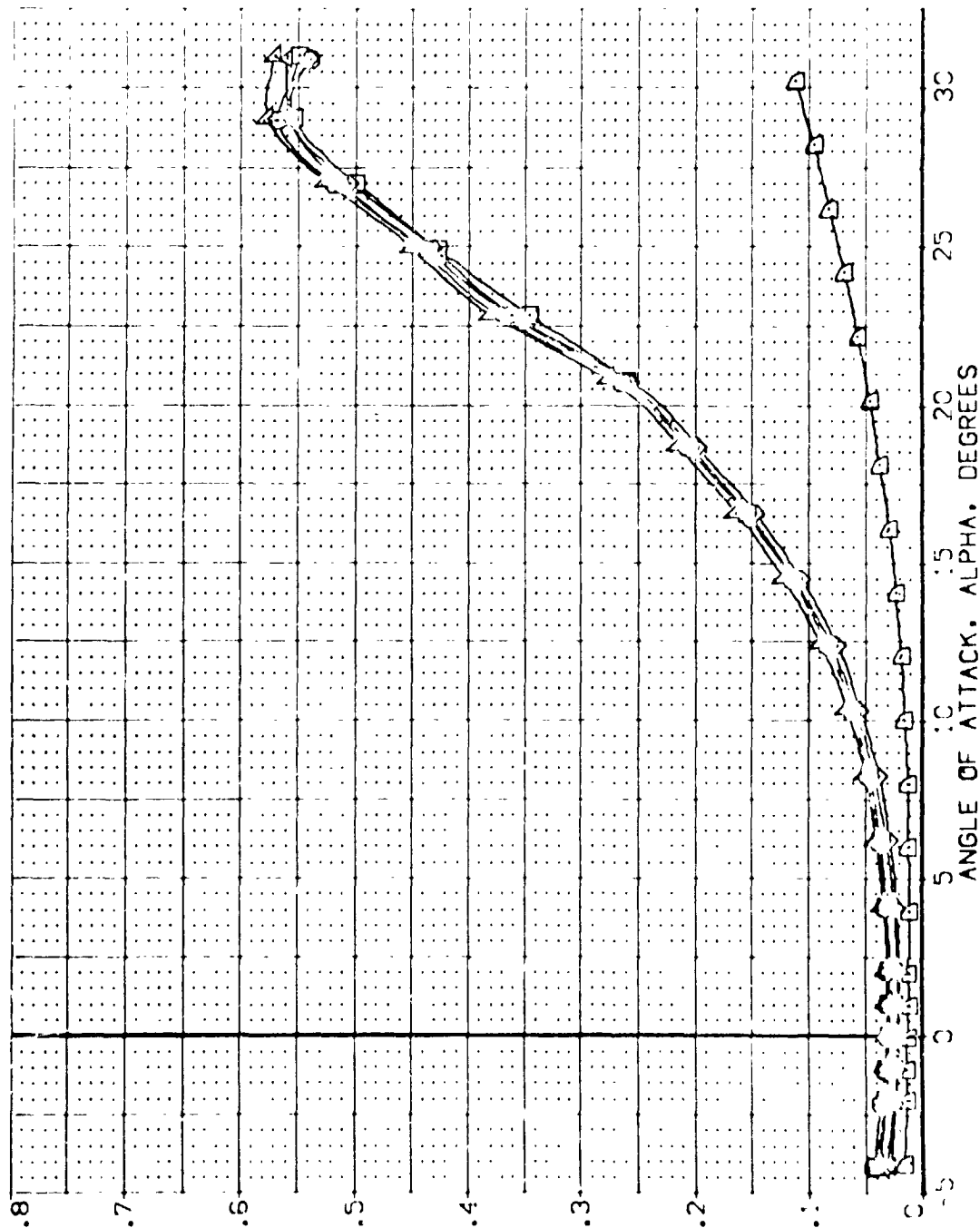


FIG 74 MODEL BUILDUP, LONGITUDINAL STABILITY

PITCHING MOMENT COEFFICIENT, CLM

DATA SET SYMB.	CONFIGURATION DESCRIPTION	ELEVON	SPOON	BOF AP	RJODER	REFERENCE	SCALE
BC7117	WFB	.000	75.000	-12.000	.000	4.419	SC
BC7227	WFB	.000	75.000	-12.000	.000	19.279	SC
BC7272	WFB	.000	75.000	-12.000	.000	37.539	SC
BC7274	WFB	.000	75.000	-12.000	.000	43.134	SC
BC7208	WFB	.000	75.000	-12.000	.000	15.209	SC
BC7443	WFB	.000	75.000	-12.000	.000	15.209	SC

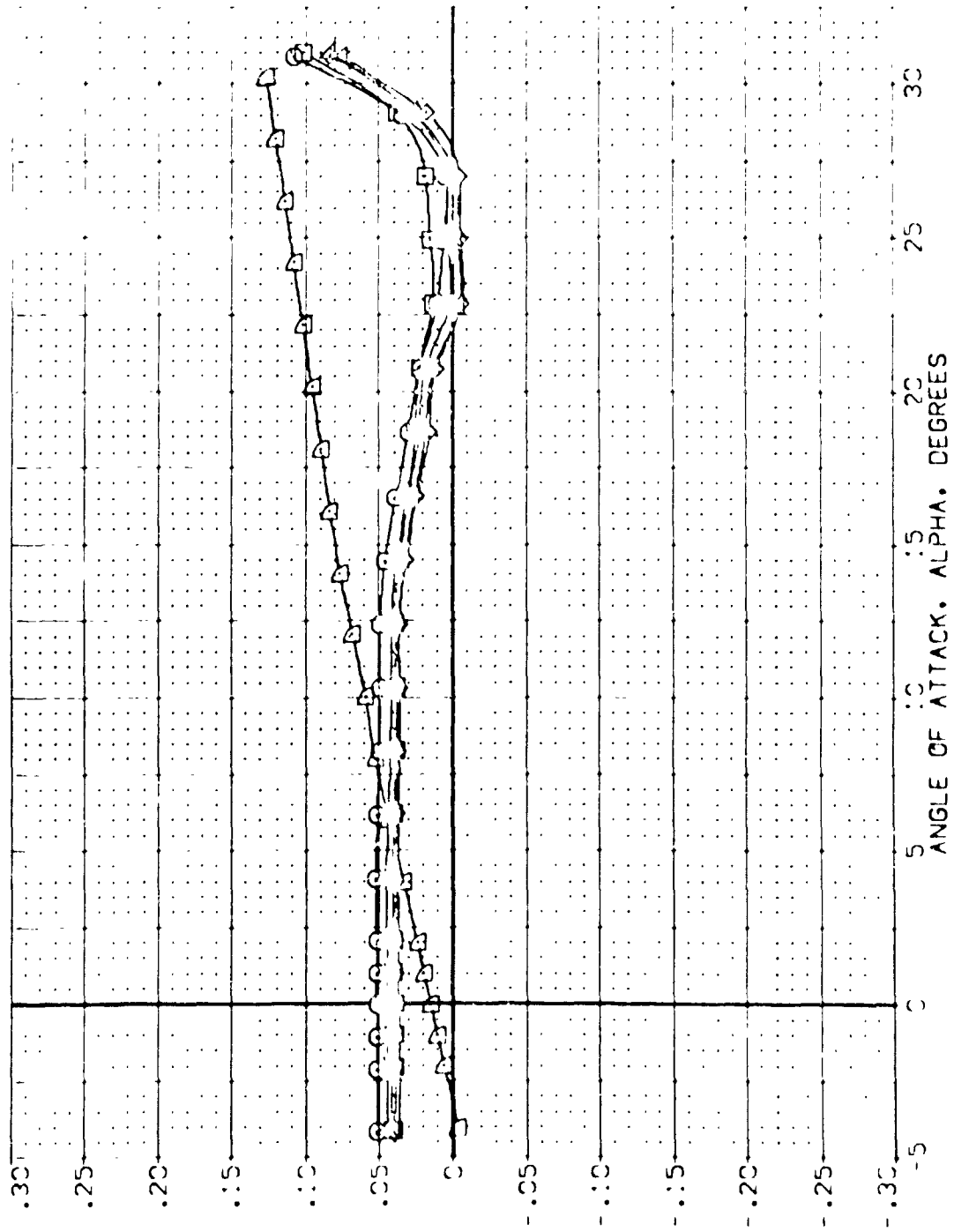


FIG 74 MODEL BUILDUP, LONGITUDINAL STABILITY

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRBK	BDELAP	RJODEH	REFERENCE INFORMATION
(807117)	CA628 B76C9 M78	.000	25.000	-12.000	.000	SPDRF 4.4119
(807202)	CA628 B76C9 M78	.000	25.000	-12.000	.000	SPDRF 19.2269
(807203)	CA628 B76C9 M78	.000	25.000	-12.000	.000	SPDRF 37.9375
(807214)	CA628 B76C9 F8	.000	25.000	-12.000	.000	SPDRF 43.5911
(807208)	CA628 B76C9 F8	.000	25.000	-12.000	.000	SPDRF 15.1875
(807443)	CA628 B76C9 F8	.000	25.000	-12.000	.000	SPDRF 15.1875

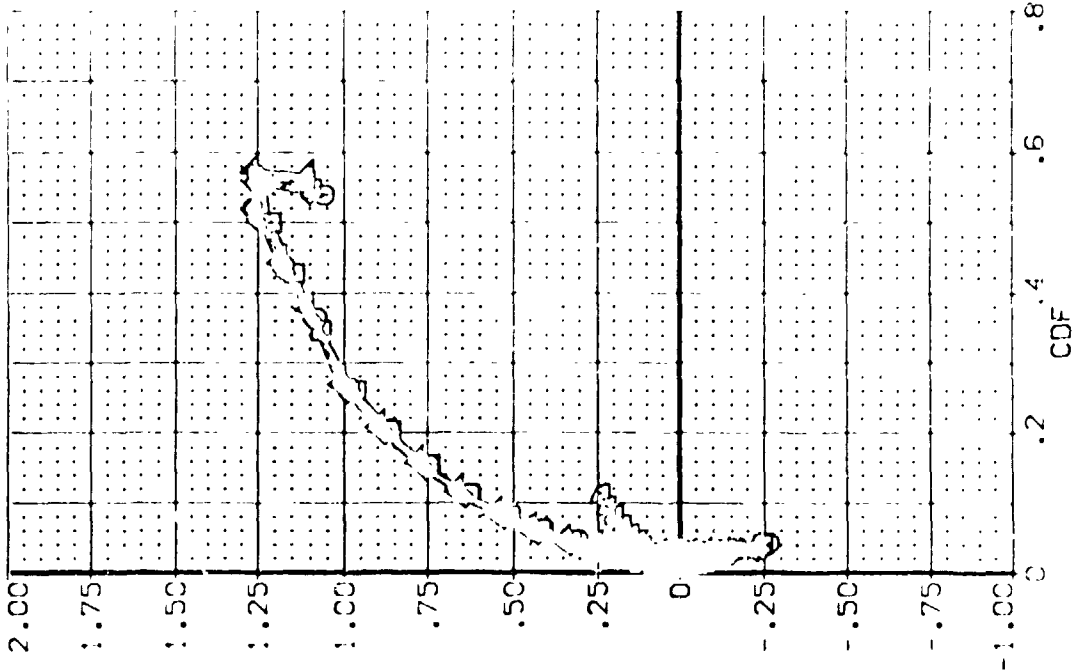
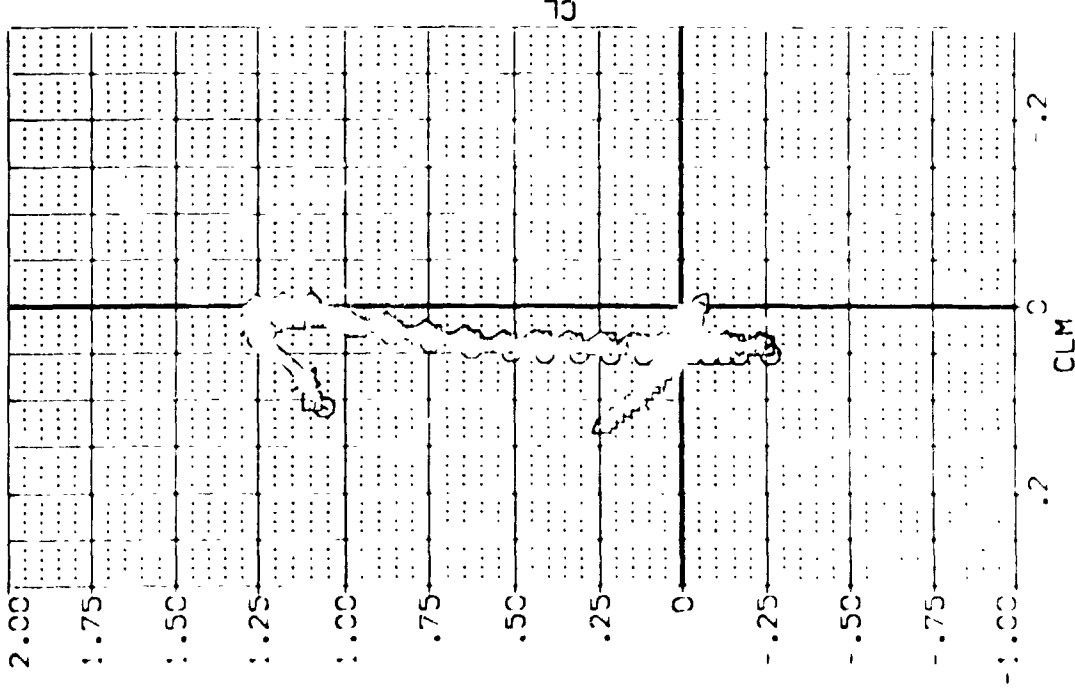


FIG 74 MODEL BUILDUP, LONGITUDINAL STABILITY

LONGITUDINAL CENTER OF PRESSURE, XCP/L

DATA SET SYMBOL	COMPUTATION	DESCRIPTION	FUNCTION	SPEED	BOFLAP	PLANK	REFERENCE INFORMATION
807117	80629	V1: 16.78/805X9	.000	25.000	-12.000	.000	SCALE 4.4119
807202	80629	V1: 16.78/805X9	.000	25.000	-12.000	.000	SCALE 4.4119
807202	80629	V1: 16.78/805X9	.000	25.000	-12.000	.000	SCALE 4.4119
807214	80629	V1: 16.78/805X9	.000	25.000	-12.000	.000	SCALE 4.4119
807208	80629	V1: 16.78/805X9	.000	25.000	-12.000	.000	SCALE 4.4119
807443	80629	V1: 16.78/805X9	.000	25.000	-12.000	.000	SCALE 4.4119

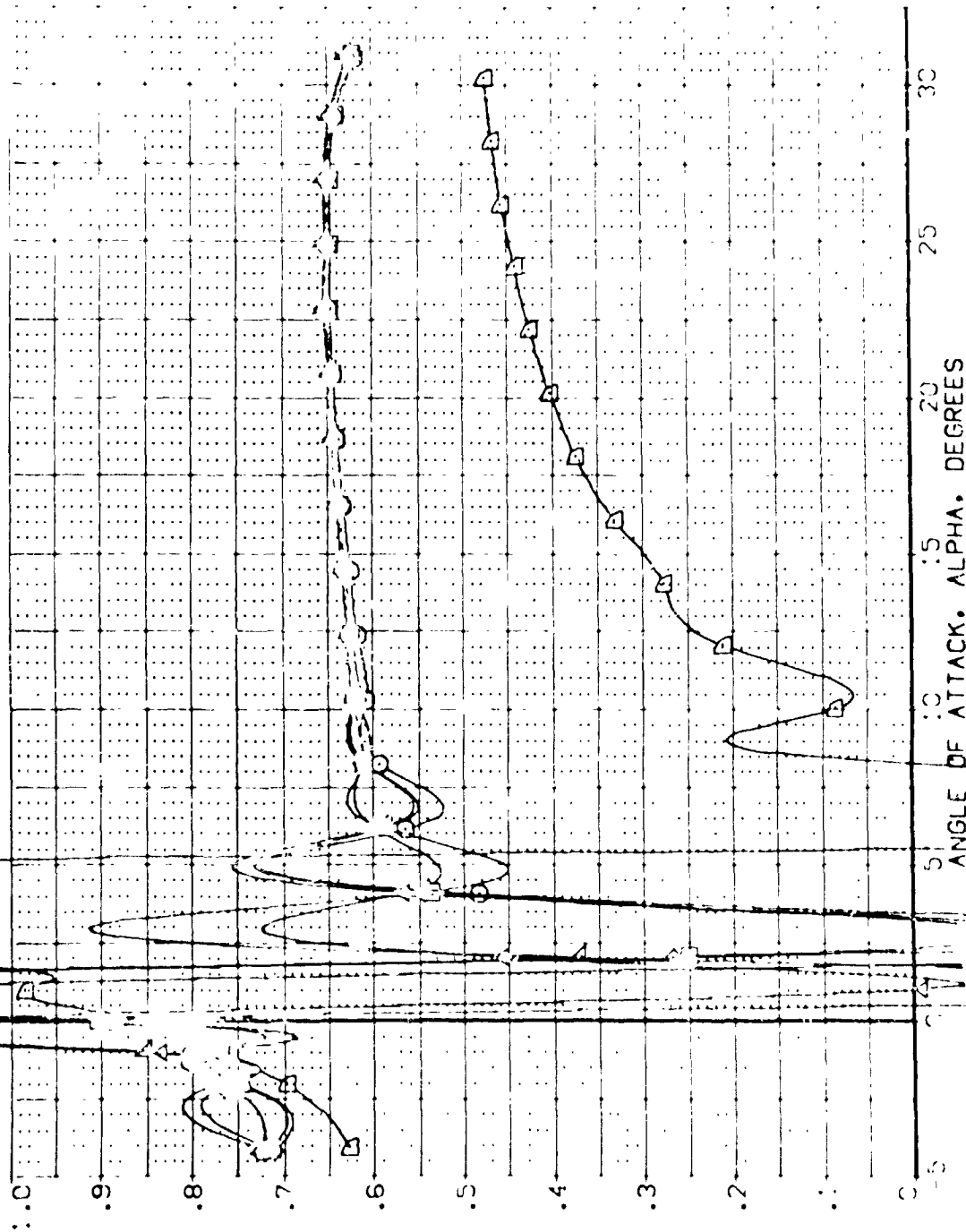


FIG 74 MODEL BUILDUP, LONGITUDINAL STABILITY

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOE-LAP	RUDDER	REFERENCE INFORMATION
[807117]	CA628 B26C9 M7F8 V115E28/BR5X9	.000	25.000	-12.000	.000	4.4119 SC.F.T.
[807202]	CA628 B26C9 M7F8 V115E28/BR5X9	.000	25.000	-12.000	.000	19.2298 SC.F.T.
[807220]	CA628 B26C9 M7F8 V115E28/BR5X9	.000	25.000	-12.000	.000	37.9368 SC.F.T.
[807244]	CA628 B26C9 M7F8 V115E28/BR5X9	.000	25.000	-12.000	.000	43.3071 SC.F.T.
[807208]	CA628 B26C9 M7F8 V115E28/BR5X9	.000	25.000	-12.000	.000	.8000 SC.F.T.
[807443]	CA628 B26C9 M7F8 V115E28/BR5X9	.000	25.000	-12.000	.000	15.1875 SC.F.T.
						SCALE

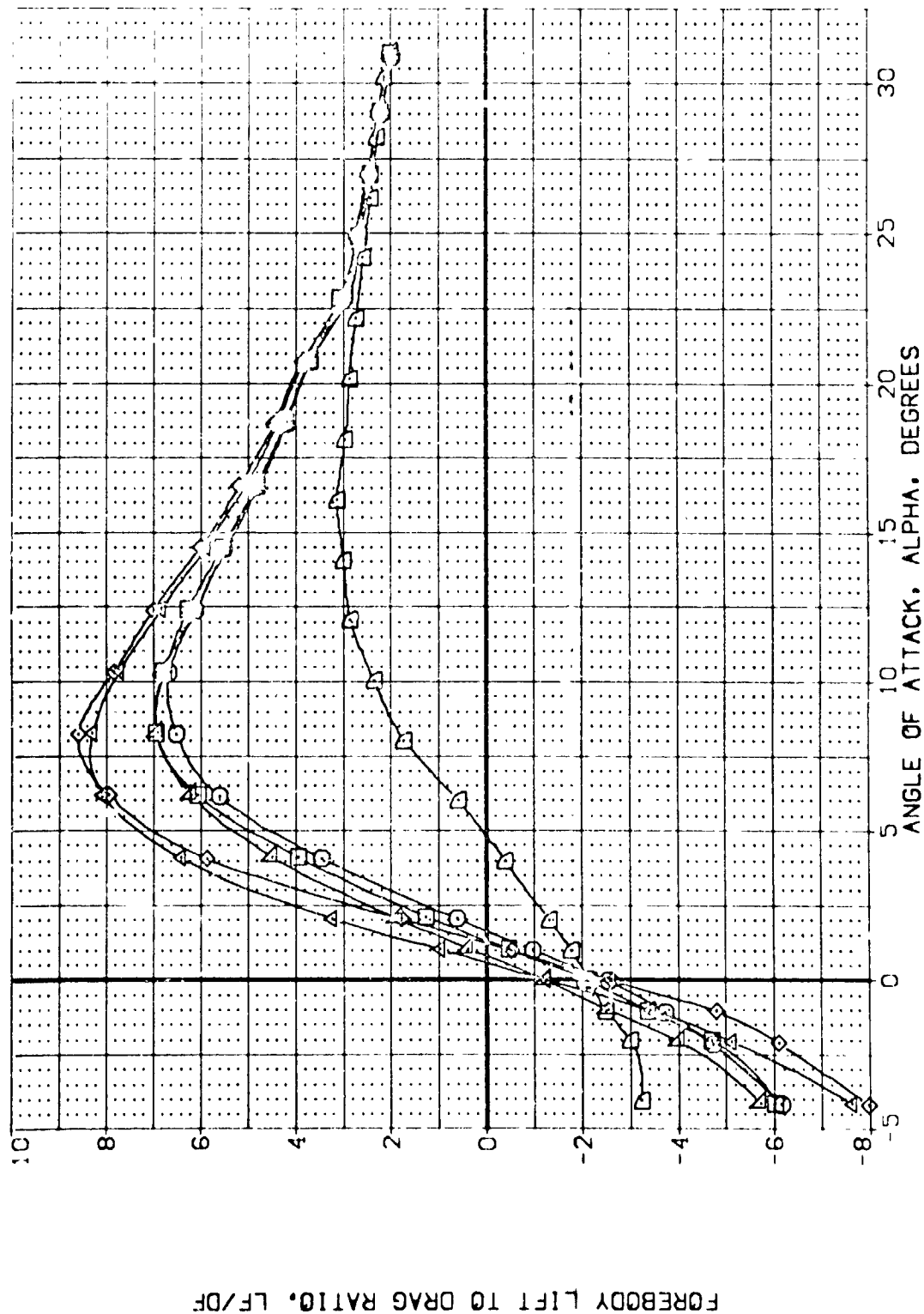


FIG 74 MODEL BUILDUP, LONGITUDINAL STABILITY

CADMAC = .20

DATA SET	SYMBOL	CONF	IGURATION	DESCRIPTION	ALPHA	RUDDER	SPDRM	BOFLAP	REFERENCE INFORMATION
[R02119]	□	0A628	B76C9	M7F8	.000	.000	25.000	-12.000	SKE 4.419
[R02203]	◇	0A628	B76C9	M7F8	.000	.000	25.000	-12.000	SKF 19.239
[R02277]	△	0A628	B76C9	M7F8	.000	.000	25.000	-12.000	SKF 37.939
[R02215]	×	0A628	B76C9	F8	.000	.000	25.000	-12.000	SKF 43.554
[R02708]	○	0A628	B76C9	F8	.000	.000	25.000	-12.000	SKF 15.187
[R02444]	◇	0A628	B76C9	F8	.000	.000	25.000	-12.000	SKF 15.187
									SCALE 1.000

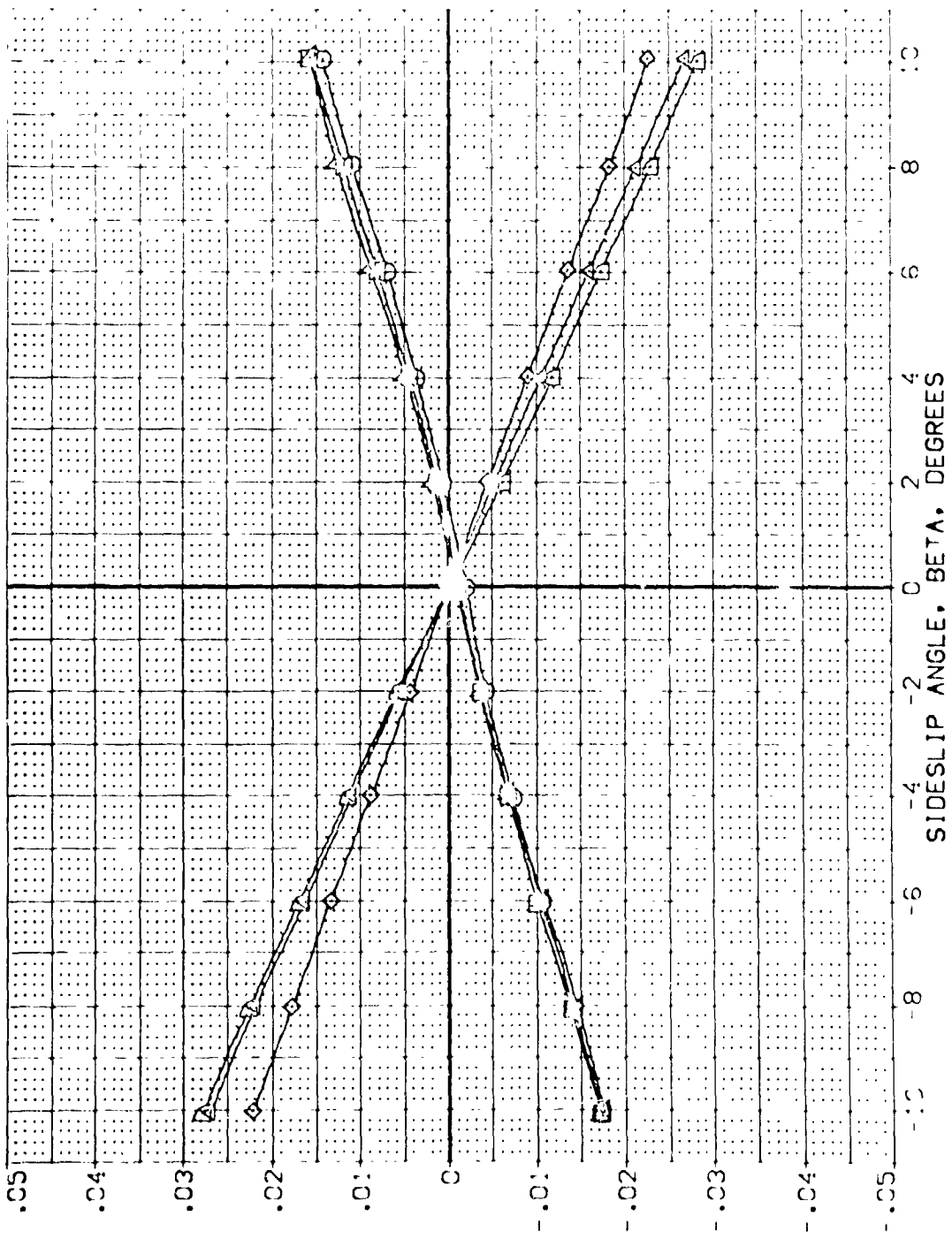


FIG 75 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 0

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDRBK	BDFCLAP	REFERENCE INFORMATION
[P02119]	DA628 B26C9 M7F8 V116E28V8R5X9	.000	.000	25.000	-12.000	SREF 4.4119 SCALE
[P02203]	DA628 B26C9 M7F8 V116E28V8R5X9	.000	.000	25.000	-12.000	LREF 19.2208 SCALE
[P02221]	DA628 B26C9 M7F8 V116E28V8R5X9	.000	.000	25.000	-12.000	BREF 37.9359 SCALE
[P02215]	DA628 B26C9 F8 V116E28V8R5X9	.000	.000	25.000	-12.000	XREF 43.5874 SCALE
[P02209]	DA628 B26C9 F8 V116E28V8R5X9	.000	.000	25.000	-12.000	YREF .0000 SCALE
[P02444]	DA628 B26C9 F8 V116E28V8R5X9	.000	.000	25.000	-12.000	ZREF 15.1875 SCALE

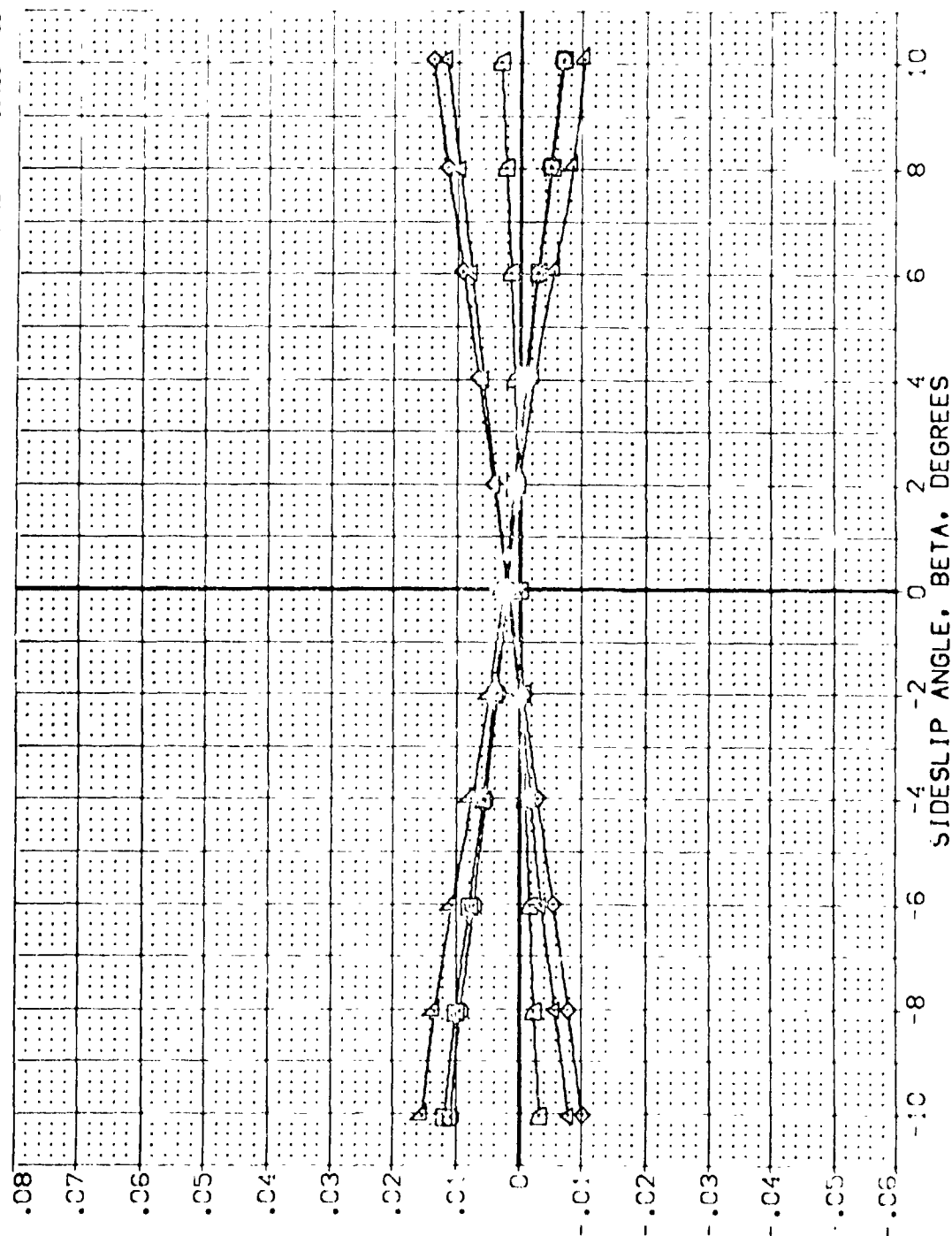


FIG 75 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 0

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPDRBK	BOFLAP	REFERENCE INFORMATION
(PCZ119)	DA628 B26C9 M7F8 V116E78V8P5X9	.000	.000	25.000	-12.000	4.419
(PCZ203)	DA628 B26C9 M7F8 V116E78V8P5X9	.000	.000	25.000	-12.000	19.2298
(PCZ221)	DA628 B26C9 M7F8 V116E78V8P5X9	.000	.000	25.000	-12.000	37.9309
(PCZ215)	DA628 B26C9 M7F8 V116E78V8P5X9	.000	.000	25.000	-12.000	43.5914
(PCZ209)	DA628 B26C9 M7F8 V116E78V8P5X9	.000	.000	25.000	-12.000	15.1815
(PCZ444)	DA628 B26C9 M7F8 V116E78V8P5X9	.000	.000	25.000	-12.000	SCALE

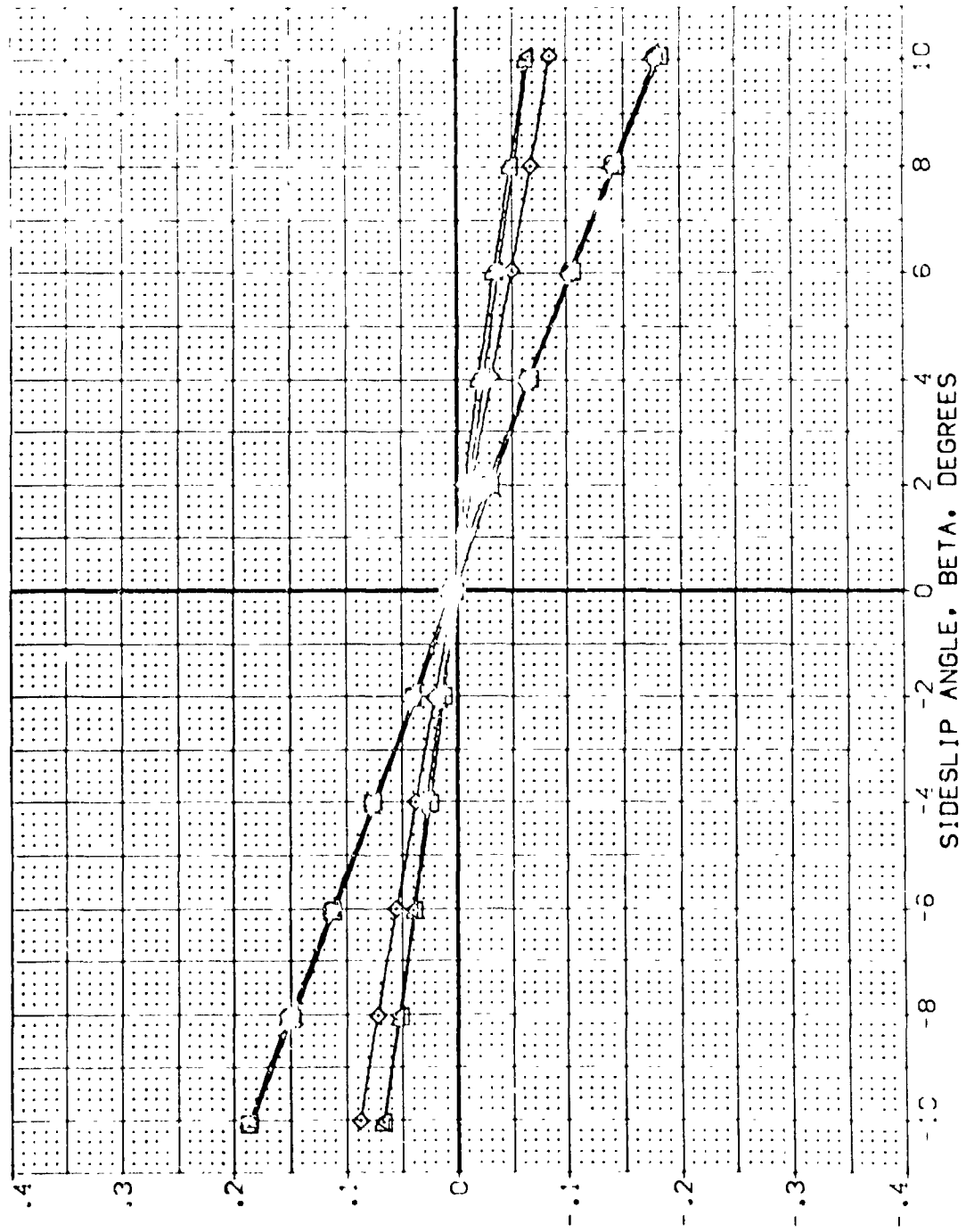


FIG 75 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 0

(A)MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDRBK	BOFLAP	REFERENCE INFORMATION
[R27120]	04628 B26C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	SCALE 4.4119
[R27204]	04628 B26C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	SCALE 10.2009
[R27272]	04628 B26C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	SCALE 30.9359
[R27216]	04628 B26C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	SCALE 43.5874
[R27210]	04628 B26C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	SCALE 15.1805
[R27445]	04628 B26C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	SCALE 10.2009

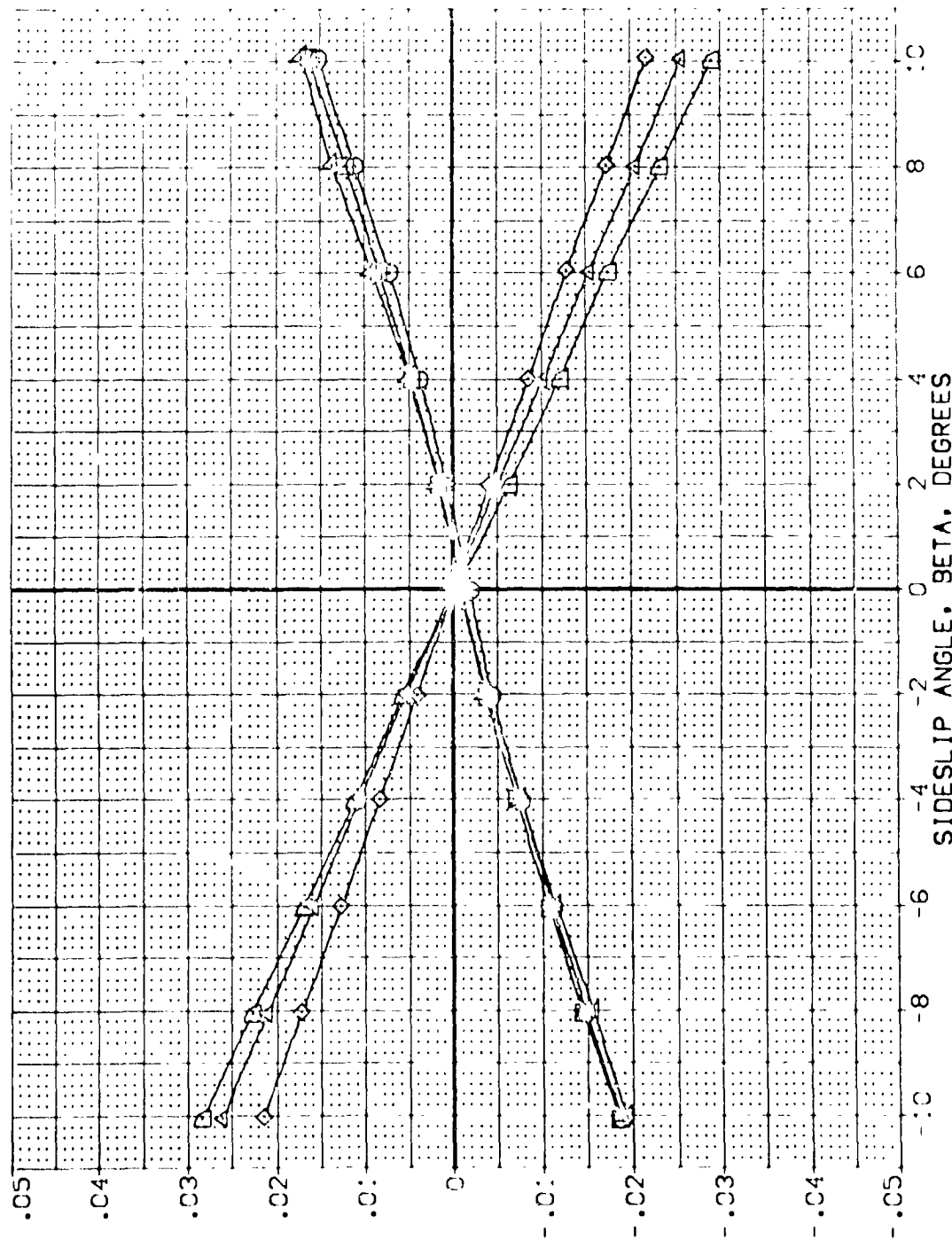
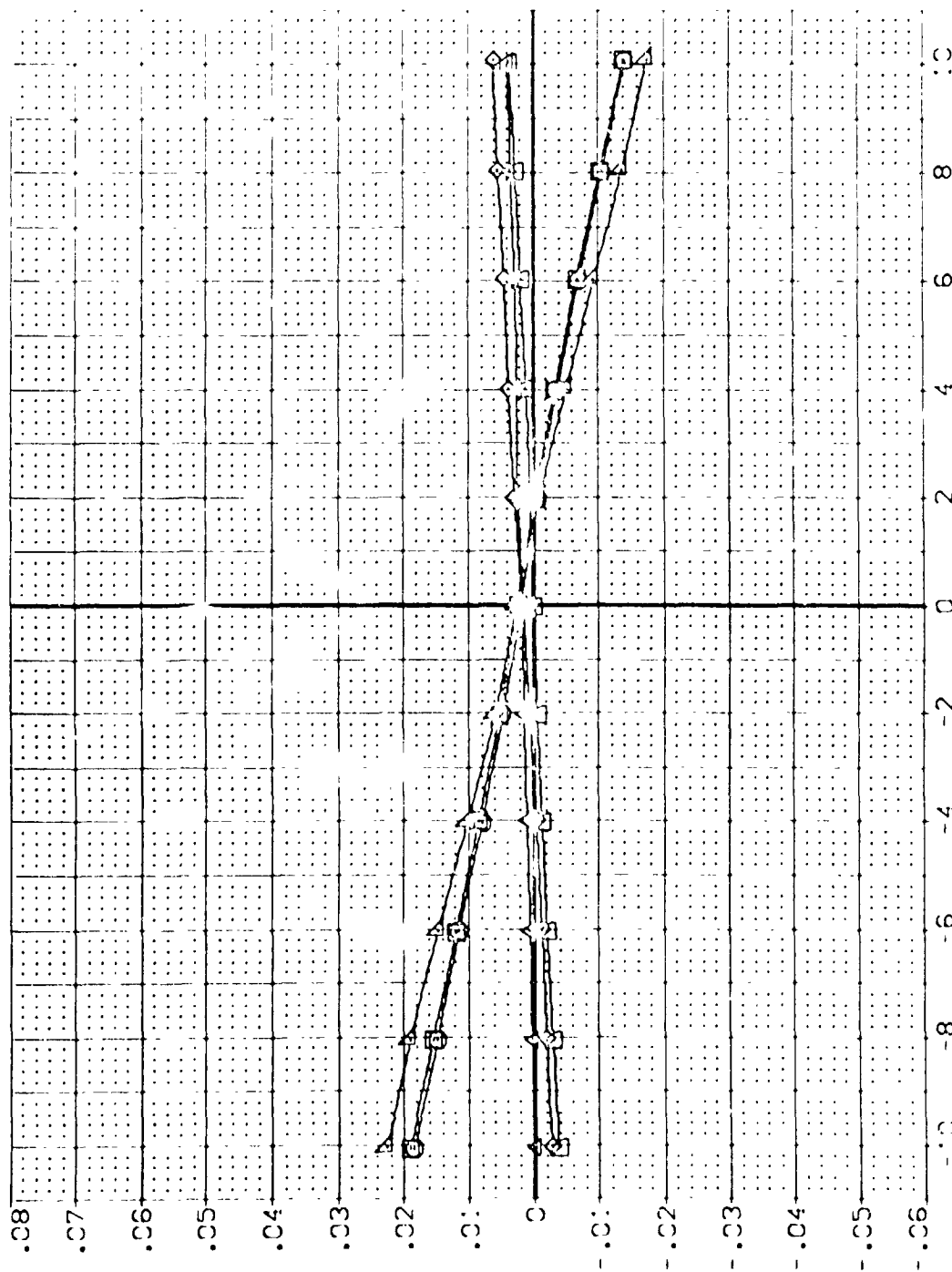


FIG 76 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 5

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	BOFLAP	REFERENCE INFORMATION
PC7120	CA628 B76C9 W7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	SKE 4.4119 SCALE S
PC71204	CA628 B76C9 W7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	LOEF 19.2799 SCALE S
PC7222	CA628 B76C9 W7F8 V116E28 X9	5.000	.000	25.000	-12.000	BOXF 37.9359 SCALE S
PC7216	CA628 B76C9 W7F8 V116E28 X9	5.000	.000	25.000	-12.000	ADOP 43.5904 SCALE S
PC7213	CA628 B76C9 W7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	ADOP 43.5904 SCALE S
PC7445	CA628 B76C9 W7F8 V116E28V8P5X9	5.000	.000	25.000	-12.000	ZMAX 15.8775 SCALE S
						SCALE 10403



ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

FIG 76 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 5

SIDE FORCE COEFFICIENT, CY

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOBRK	BOX LAP	REFERENCE INFORMATION
PCZ1201	CA628 B76C9 M78	5.000	.000	25.000	-12.000	SPRE 4.419 SC17.5
PCZ1204	CA628 B76C9 M7	5.000	.000	25.000	-12.000	SPRE 4.419 SC17.5
PCZ1222	CA628 B76C9 M7F8	5.000	.000	25.000	-12.000	SPRE 4.419 SC17.5
PCZ1216	CA628 B76C9 F8	5.000	.000	25.000	-12.000	SPRE 4.419 SC17.5
PCZ1213	CA628 B76C9 F8	5.000	.000	25.000	-12.000	SPRE 4.419 SC17.5
PCZ1445	CA628 B76C9 F8	5.000	.000	25.000	-12.000	SPRE 4.419 SC17.5

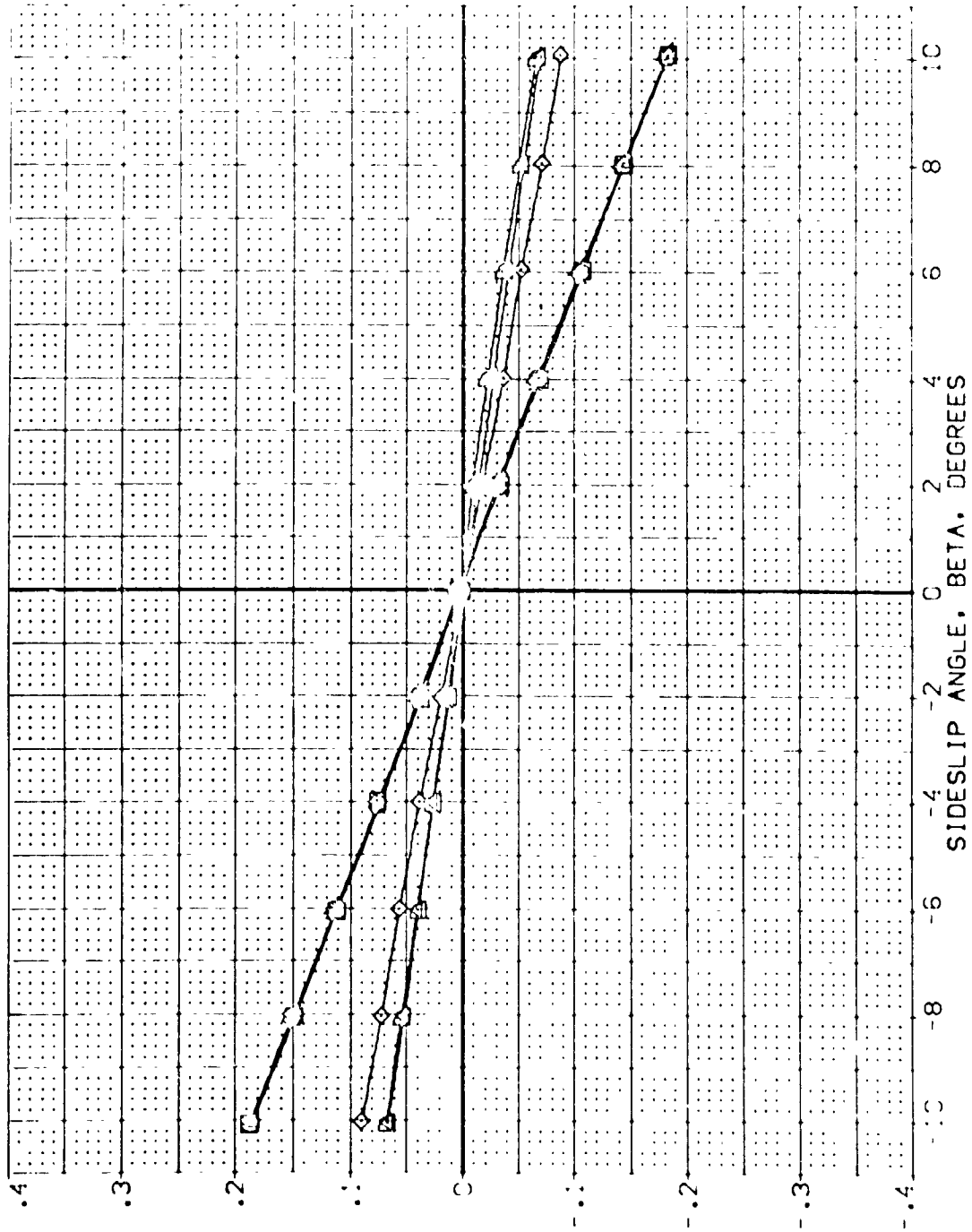


FIG 76 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 5

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RJ00PR	SP00PR	BOFLAP	REFERENCE INFORMATION
[BZ121]	CA628 B76C9 W78 V16E28V85X9	0.000	.000	25.000	-12.000	SPK 4.419 SCALE \$
[BZ125]	CA628 B76C9 W78 V16E28V85X9	0.000	.000	25.000	-12.000	REF 9.1739 SCALE \$
[BZ123]	CA628 B76C9 W78 V16E28V85X9	0.000	.000	25.000	-12.000	BOFL 37.9359 SCALE \$
[BZ117]	CA628 B76C9 F8 V16E28V85X9	0.000	.000	25.000	-12.000	W400 43.5974 SCALE \$
[BZ111]	CA628 B76C9 F8 V16E28V85X9	0.000	.000	25.000	-12.000	W400 100.00 SCALE \$
[BZ146]	CA628 B76C9 F8 V16E28V85X9	0.000	.000	25.000	-12.000	W400 15.1875 SCALE \$
						SCALE .0405

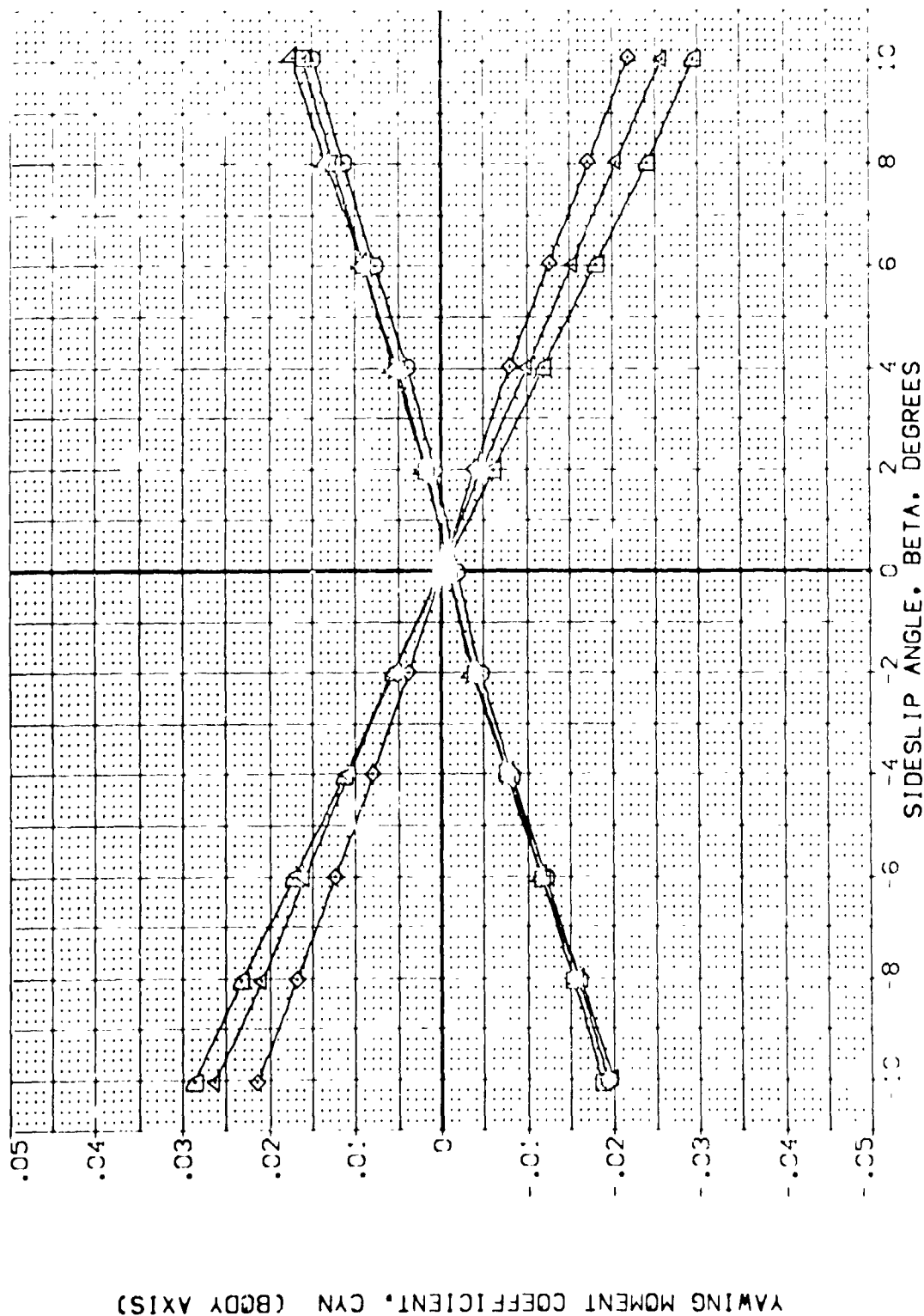


FIG 77 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 10

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	BOFLAP	REFERENCE INFORMATION
[P27121]	BA628 B26C9 M7F8 V116E28V8P5X9	0.000	.000	25.000	-12.000	SREF 4.4119 SC.F1.5
[P27205]	CA628 B26C9 M7 V116E28V8P5X9	0.000	.000	25.000	-12.000	LR.F 19.2798 SC.F1.5
[P27223]	CA628 B26C9 M7F8 V116E28 V8	0.000	.000	25.000	-12.000	BR.F 37.9359 SC.F1.5
[P27277]	CA628 B26C9 F8 V116E28 X9	0.000	.000	25.000	-12.000	X400 43.5874 SC.F1.5
[P27277]	CA628 B26C9 F8 V116E28V8P5X9	0.000	.000	25.000	-12.000	Y400 17.800 SC.F1.5
[P27446]	CA628 B26C9 F8 V116E28V8P5X9	0.000	.000	25.000	-12.000	Z400 15.800 SC.F1.5
						SCALE .0005

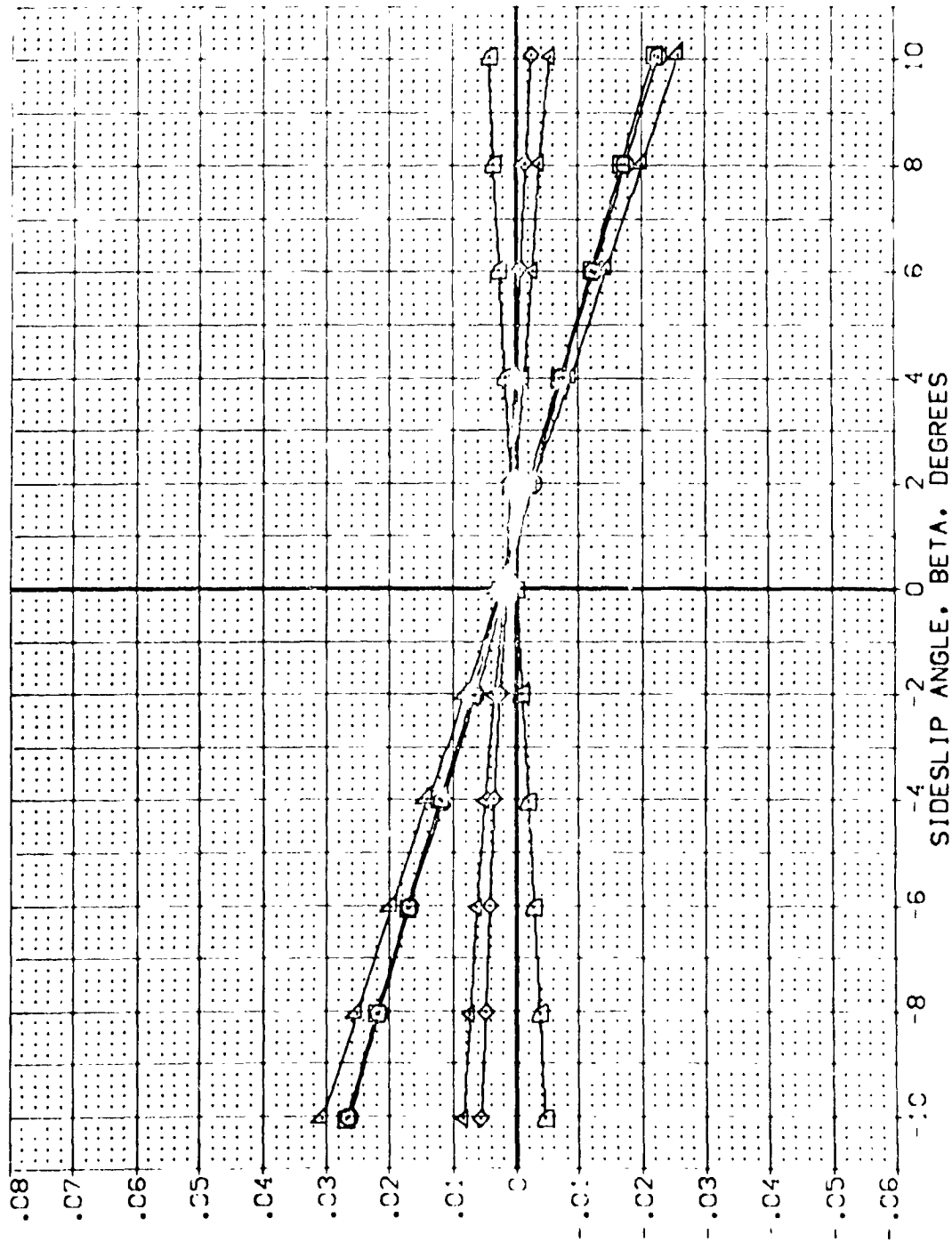


FIG 77 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 10

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	ROFLAP	REFERENCE INFORMATION
PC2121	C1628 B76C9 M78 V116E78V8R5X9	10.000	.000	25.000	-12.000	SPKE 4.419 SC1.5
PC2205	C1628 B76C9 M7 V116E78V8R5X9	10.000	.000	25.000	-12.000	SPKE 19.2798 SC1.5
PC2273	C1628 B76C9 M78 V116E78 V116E78 X9	10.000	.000	25.000	-12.000	SPKE 37.9338 SC1.5
PC2277	C1628 B76C9 F8 V116E78 X9	10.000	.000	25.000	-12.000	SPKE 43.5974 SC1.5
PC2211	C1628 B76C9 F8 V116E78V8R5X9	10.000	.000	25.000	-12.000	SPKE 15.1875 SC1.5
PC2446	C1628 B76C9 F8 V116E78V8R5X9	10.000	.000	25.000	-12.000	SPKE 15.1875 SC1.5

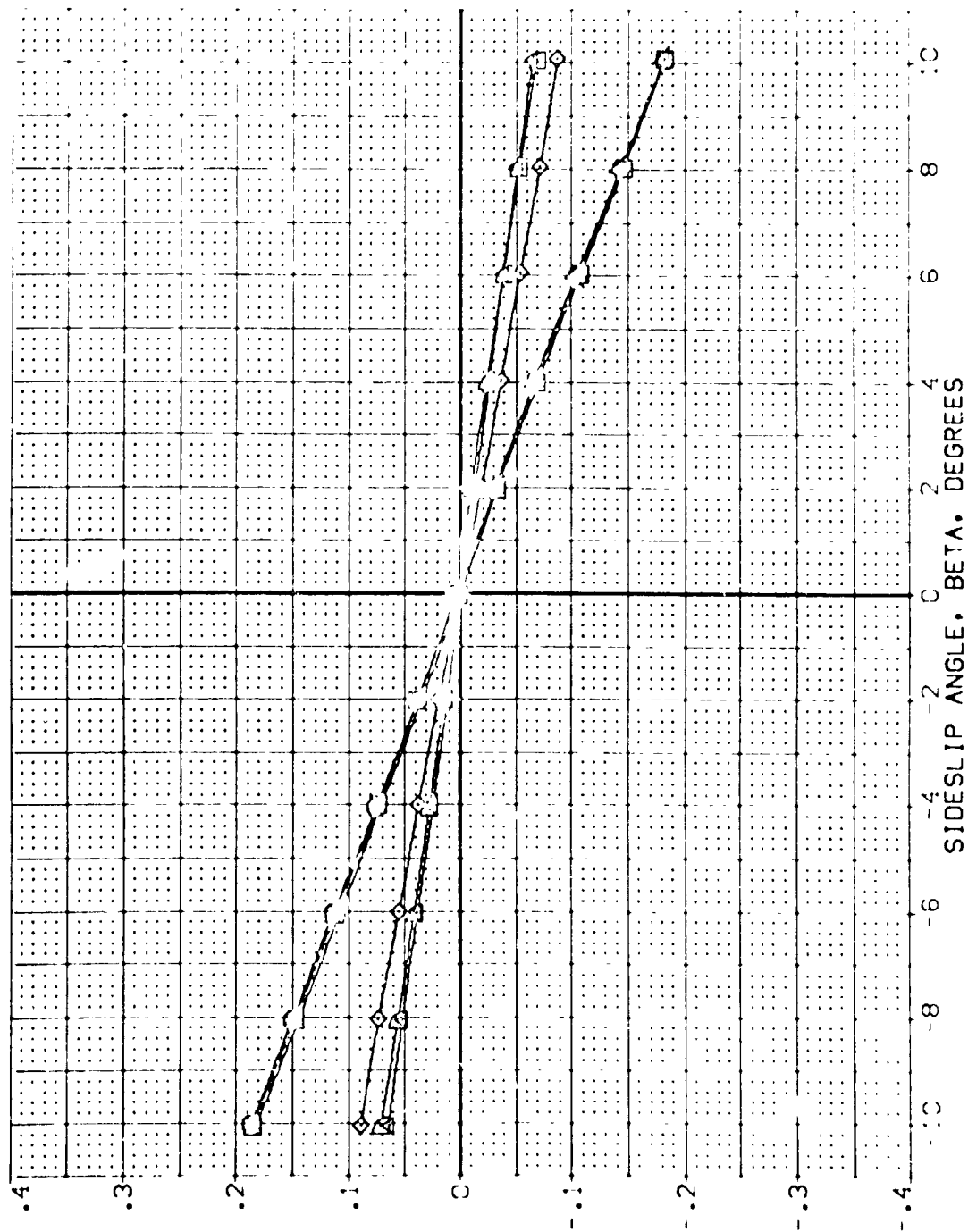


FIG 77 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 10

CALCULATED .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDLER	SPOILER	BOX LAP	REFERENCE INFORMATION
02/122	04628 B76C9 W78	5.000	.000	25.000	-12.000	4.4119 SC1
02/126	04628 B76C9 W78	5.000	.000	25.000	-12.000	19.2089 SC1
02/126	04628 B76C9 W78	5.000	.000	25.000	-12.000	31.9378 SC1
02/126	04628 B76C9 W78	5.000	.000	25.000	-12.000	43.9374 SC1
02/126	04628 B76C9 W78	5.000	.000	25.000	-12.000	15.1875 SC1
02/126	04628 B76C9 W78	5.000	.000	25.000	-12.000	15.1875 SC1

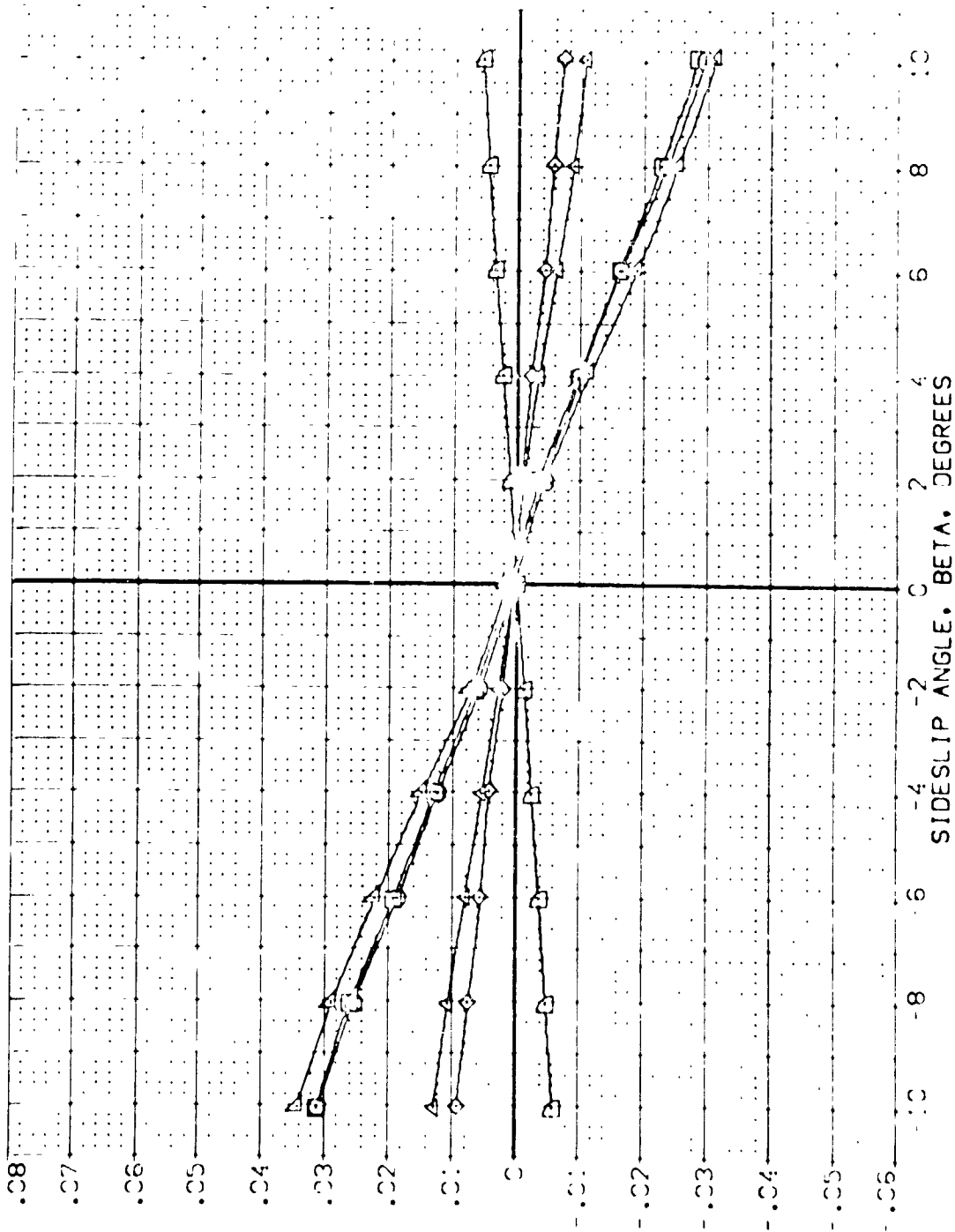


FIG 78 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 15

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPEED	BOE LAR	REFERENCE INFORMATION
927172	04628 876C9 WTE 8 V 16E28/895X9	15.000	.000	25.000	-12.000	SPE 4.4119 SCALE
927206	04628 876C9 WTE 8 V 16E28/895X9	15.000	.000	25.000	-12.000	BRF 19.2299 SCALE
927215	04628 876C9 WTE 8 V 16E28 X9	15.000	.000	25.000	-12.000	BRF 37.9359 SCALE
927218	04628 876C9 WTE 8 V 16E28 X9	15.000	.000	25.000	-12.000	BRF 43.5914 SCALE
927212	04628 876C9 WTE 8 V 16E28/895X9	15.000	.000	25.000	-12.000	BRF 43.5914 SCALE
927447	04628 876C9 WTE 8 V 16E28/895X9	15.000	.000	25.000	-12.000	BRF 43.5914 SCALE

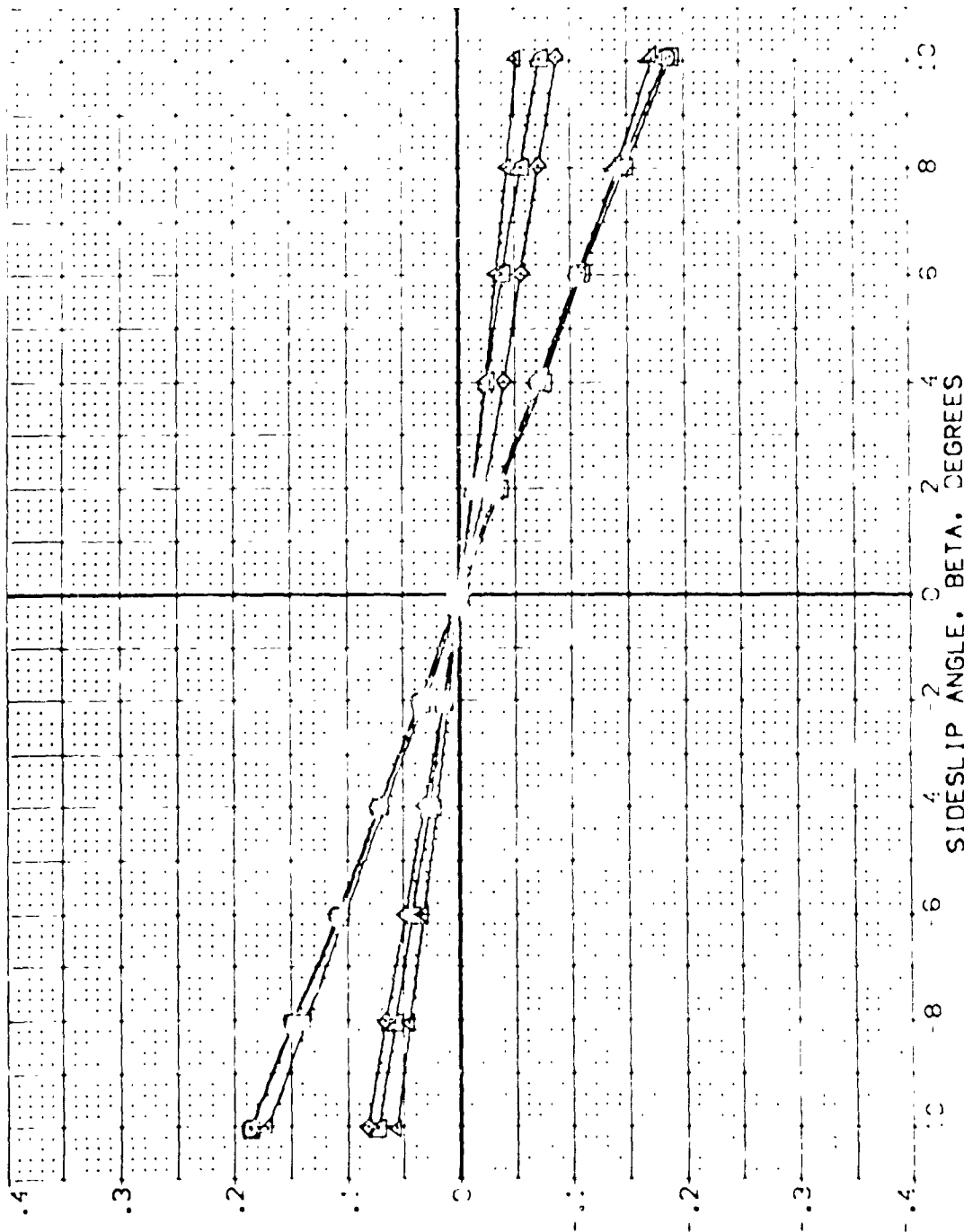


FIG 78 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 15

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

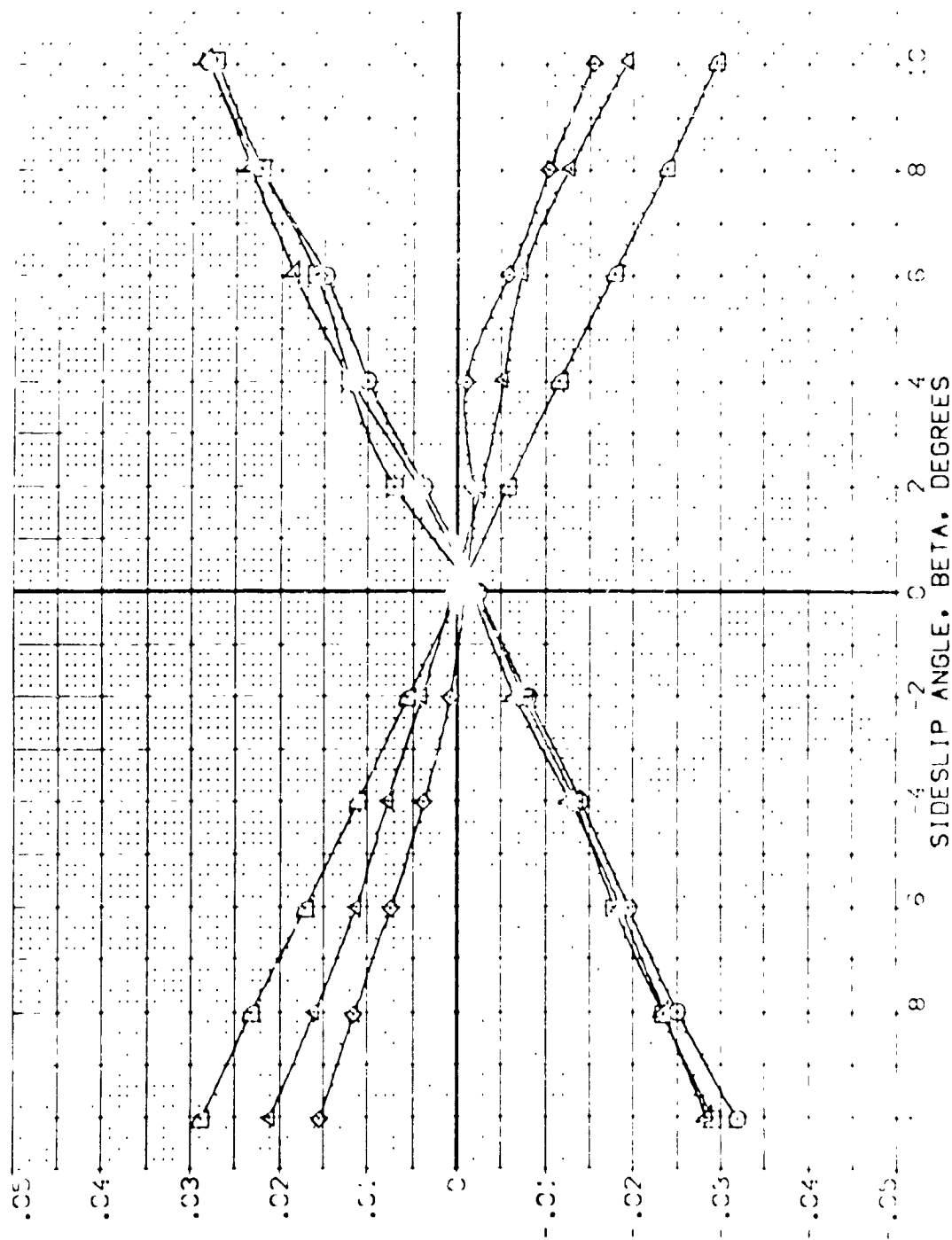


FIG. 79 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 20

(A) (V) (C) . 26

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	BOFLAP	REFERENCE INFORMATION
[P02123]	0A628 826C9 W7F8 V16E2818F5X9	20.000	.000	25.000	-12.000	SKE 4.4119 SCALE
[P02207]	0A628 826C9 W7F8 V16E2818F5X9	20.000	.000	25.000	-12.000	LRP 19.2259 SCALE
[P0222X]	0A628 826C9 W7F8 V16E2818F5X9	20.000	.000	25.000	-12.000	BRF 37.9259 SCALE
[P02219]	0A628 826C9 W7F8 V16E2818F5X9	20.000	.000	25.000	-12.000	Y400 45.5874 SCALE
[P02213]	0A628 826C9 W7F8 V16E2818F5X9	20.000	.000	25.000	-12.000	Y400 45.5874 SCALE
[P02448]	0A628 826C9 W7F8 V16E2818F5X9	20.000	.000	25.000	-12.000	Y400 45.5874 SCALE

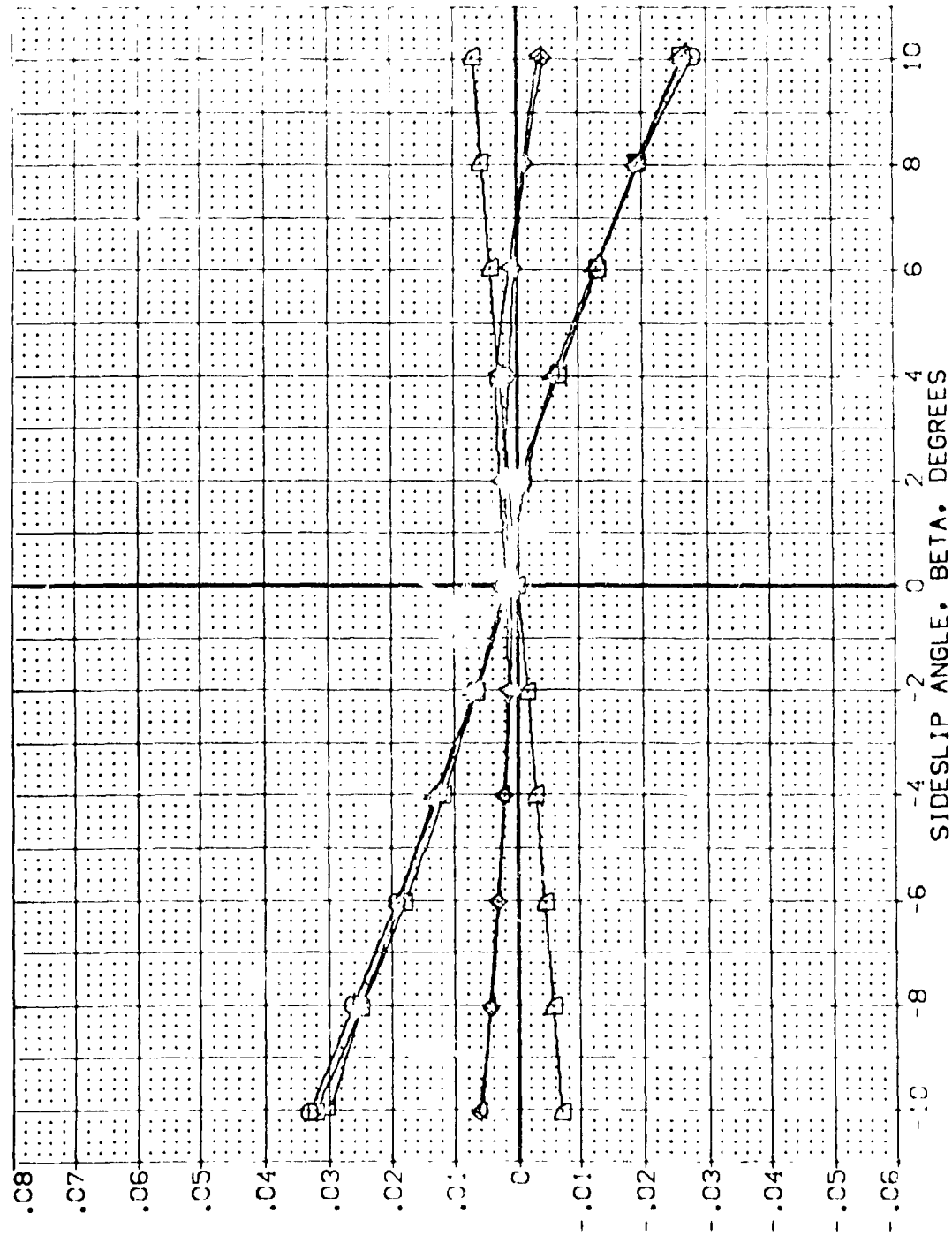


FIG 79 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDRM	FOCLAP	REFERENCE INFORMATION
PC2123	BA629 B76C9 W/B V 1: 6228/B76C9	20.000	.000	25.000	-12.000	SCA=1
PC2207	BA629 B76C9 W/B V 1: 6228/B76C9	20.000	.000	25.000	-12.000	SCA=1
PC2225	BA629 B76C9 W/B V 1: 6228/B76C9	20.000	.000	25.000	-12.000	SCA=1
PC2219	BA629 B76C9 W/B V 1: 6228/B76C9	20.000	.000	25.000	-12.000	SCA=1
PC2213	BA629 B76C9 W/B V 1: 6228/B76C9	20.000	.000	25.000	-12.000	SCA=1
PC2448	BA629 B76C9 W/B V 1: 6228/B76C9	20.000	.000	25.000	-12.000	SCA=1

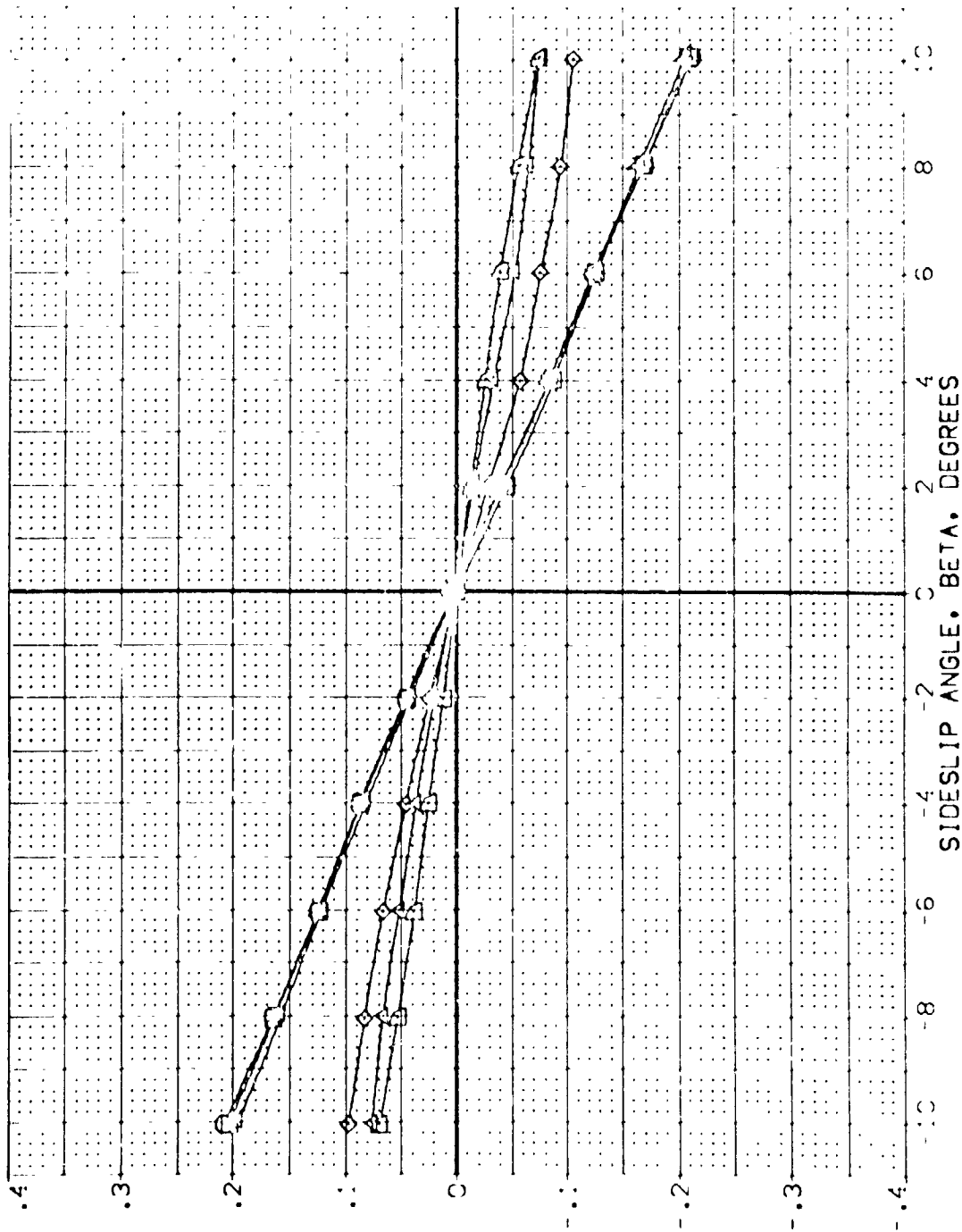


FIG 79 MODEL BUILDUP, LATERAL-DIRECTIONAL STABILITY, ALPHA = 20

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RJDDER	SPOBBY	ALLPON	REFERENCE INFORMATION
[027203]	0A628 B26C9 M7 V116E28/8P5X9	.000	.000	25.000	.000	SPKE 4.419 SCALE .0005
[027204]	0A628 B26C9 M7 V116E28/8P5X9	5.000	.000	25.000	.000	LAKE 19.209 SCALE .0005
[027205]	0A628 B26C9 M7 V116E28/8P5X9	10.000	.000	25.000	.000	BKLF 37.539 SCALE .0005
[027206]	0A628 B26C9 M7 V116E28/8P5X9	15.000	.000	25.000	.000	XWOP 43.584 SCALE .0005
[027207]	0A628 B26C9 M7 V116E28/8P5X9	20.000	.000	25.000	.000	VMOP 15.185 SCALE .0005
						SCALE .0005

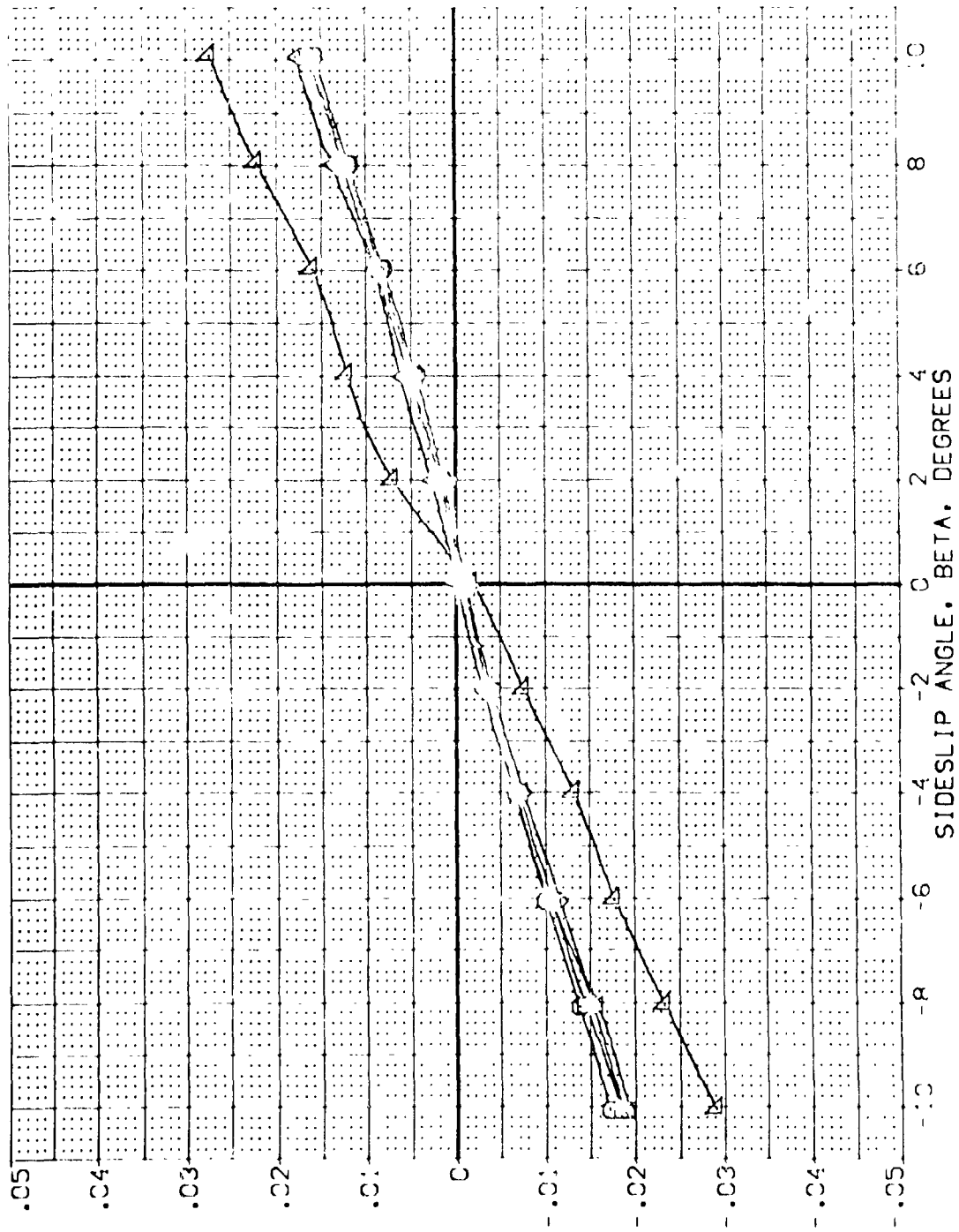


FIG 80 LATERAL-DIRECTIONAL STABILITY, BODY FLAP OFF

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPD BRK	AIRLIFT	REFERENCE INFORMATION
[PCZ703]	CA628 B26C9 M7 V116E28V85X9	.000	.000	25.000	.000	4.4119 SQ.FT. SCALE
[PCZ704]	CA628 B26C9 M7 V116E28V85X9	5.000	.000	25.000	.000	19.2702 SQ.FT. SCALE
[PCZ705]	CA628 B26C9 M7 V116E28V85X9	10.000	.000	25.000	.000	37.9339 SQ.FT. SCALE
[PCZ706]	CA628 B26C9 M7 V116E28V85X9	15.000	.000	25.000	.000	43.5874 SQ.FT. SCALE
[PCZ707]	CA628 B26C9 M7 V116E28V85X9	20.000	.000	25.000	.000	15.8075 SQ.FT. SCALE

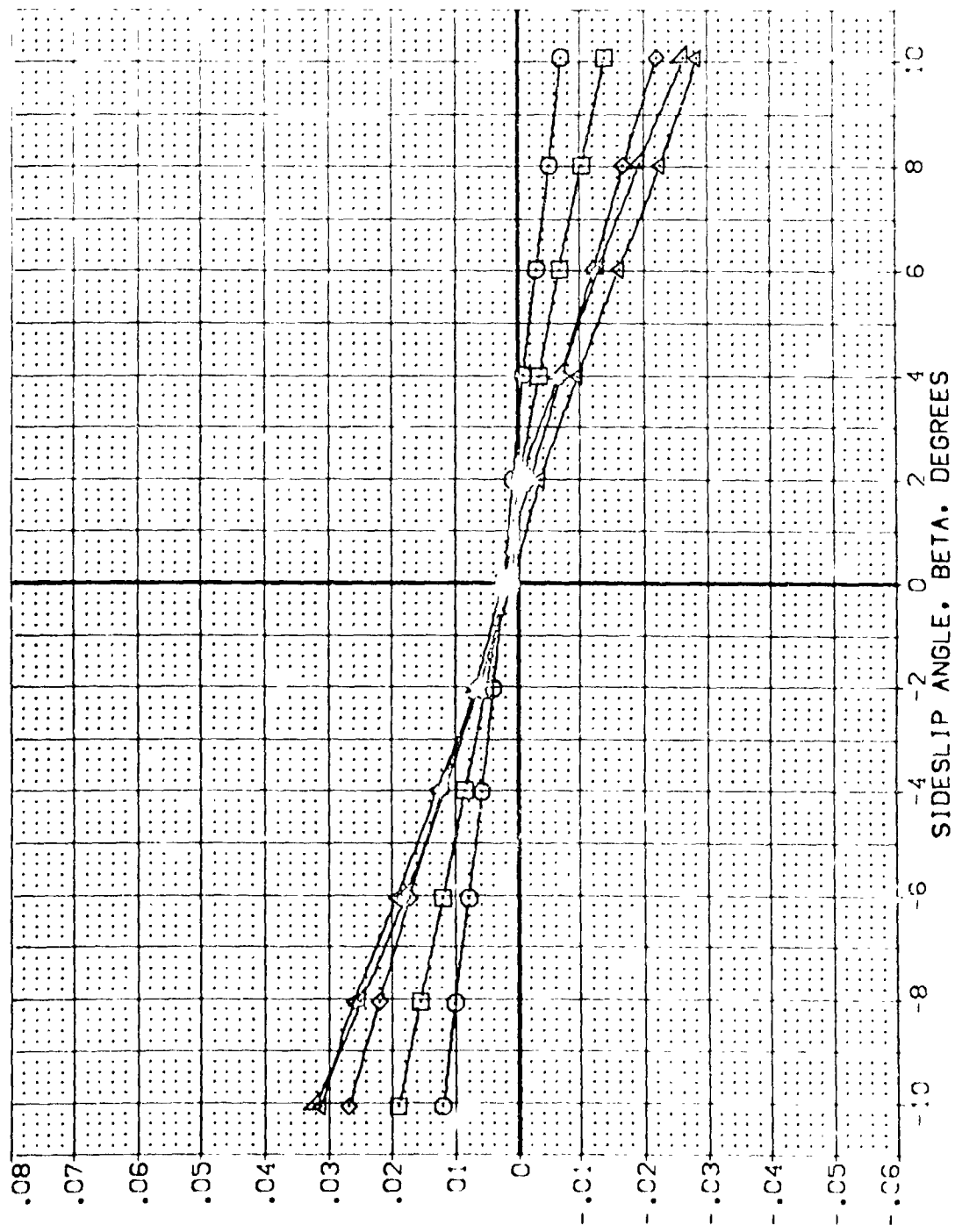


FIG 80 LATERAL-DIRECTIONAL STABILITY, BODY FLAP OFF

(A)MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AIRLON	REFERENCE INFORMATION
[R07203]	0A628 B26C9 M7 V116E28V8P5X9	.000	.000	25.000	.000	SCFF 4.4119 SCFF
[R07204]	0A628 B26C9 M7 V116E28V8P5X9	5.000	.000	25.000	.000	SCFF 19.2269 SCFF
[R07205]	0A628 B26C9 M7 V116E28V8P5X9	10.000	.000	25.000	.000	SCFF 37.9359 SCFF
[R07206]	0A628 B26C9 M7 V116E28V8P5X9	15.000	.000	25.000	.000	SCFF 43.5974 SCFF
[R07207]	0A628 B26C9 M7 V116E28V8P5X9	20.000	.000	25.000	.000	SCFF .0000 SCFF
						SCALE 19.1875 SCALE

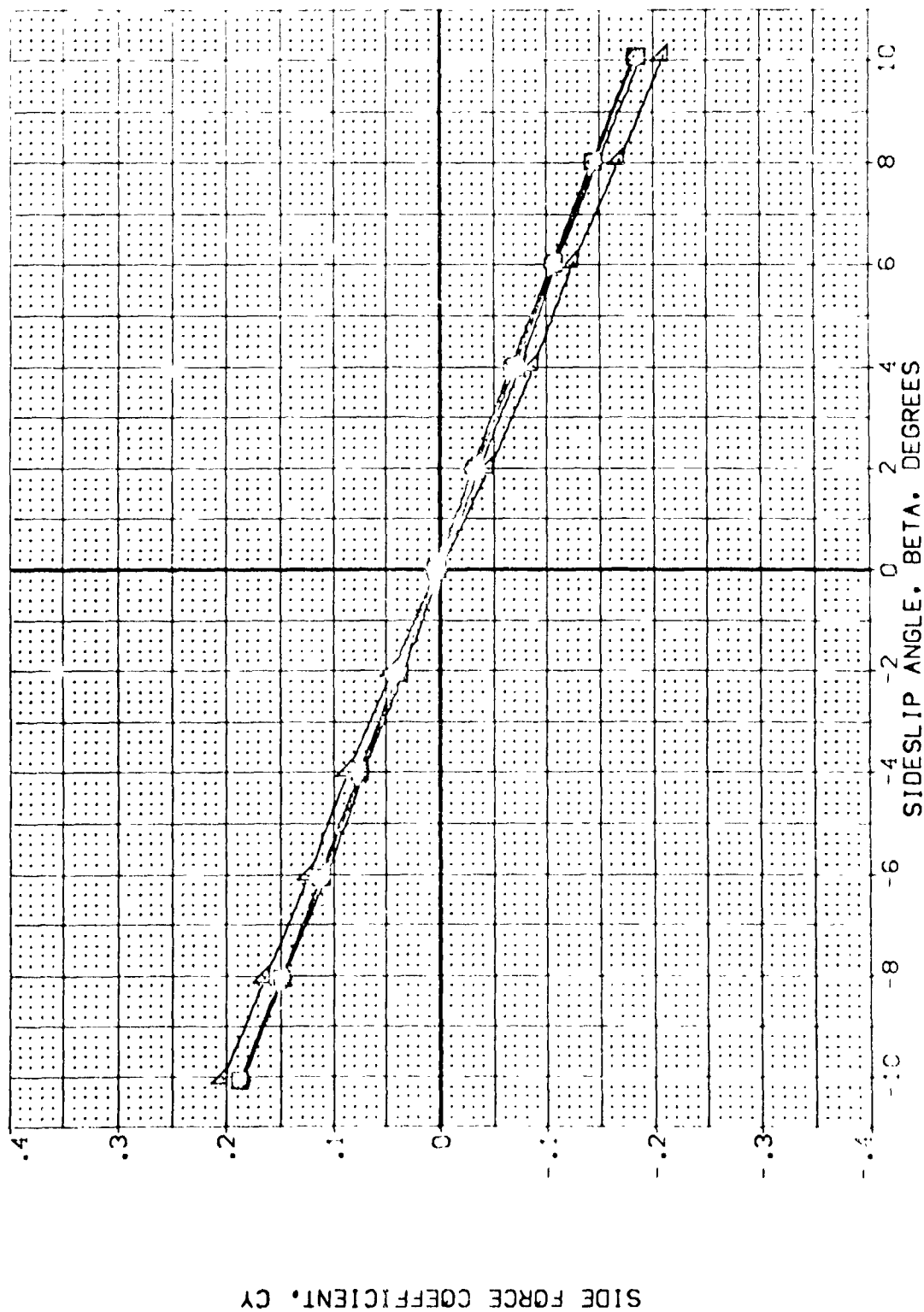


FIG 80 LATERAL-DIRECTIONAL STABILITY, BODY FLAP OFF

CAYMAC = .20

0A62B B26C9 M7 W116E28V6R5X9 (CDZ203)

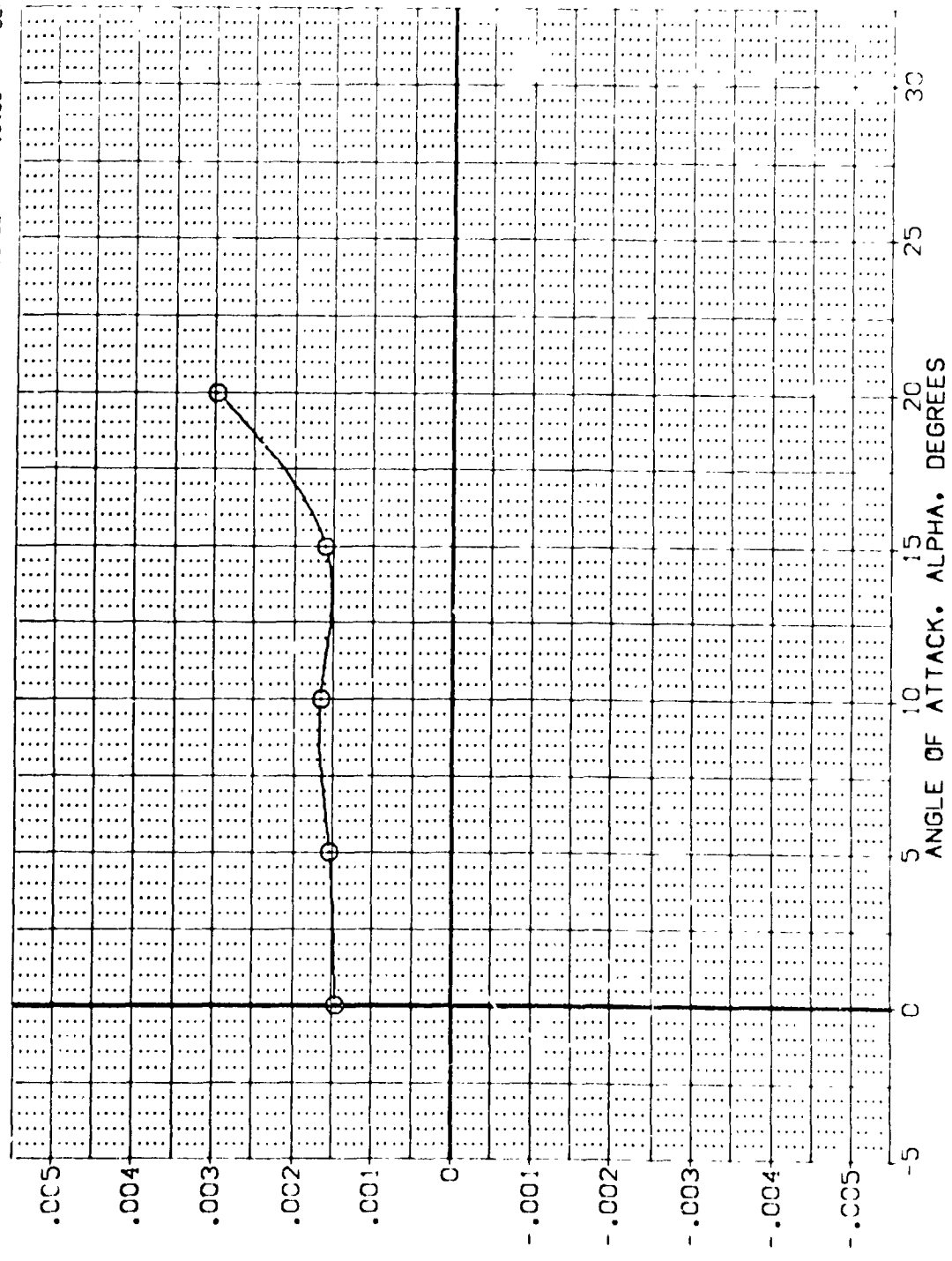
SYMBOL ○

PARAMETRIC VALUES

RUDDER	.000	MACH	.000	ELEVON	.000
		AILRON	.000	SPOBRK	25.000

REFERENCE INFORMATION

SREF	4.4119	SCALE	SCAL
LREF	19.2799	SCALE	SCAL
BREF	37.9359	SCALE	SCAL
XMRP	43.5574	SCALE	SCAL
YMRP	.0000	SCALE	SCAL
ZMRP	15.1875	SCALE	SCAL
SCALE	.0405	SCALE	SCAL



YAWING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CYNBET, PER DEGREE

FIG 80 LATERAL-DIRECTIONAL STABILITY, BODY FLAP OFF

(CDZ203)

0A62B B26C9 M7 W116E28V8R5X9

REFERENCE INFORMATION
 SREF 4.4119
 REF 19.2299
 BREF 37.9359
 XMRD 43.5974
 YMRD .0000
 ZMRD 15.1875
 SCALE .0400

PARAMETRIC VALUES
 MACH .200
 ELEVON .000
 SPDRK 25.000

AILRON

SYMBOL
 RLODR .000

ROLLING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CBLBET, PER DEGREE

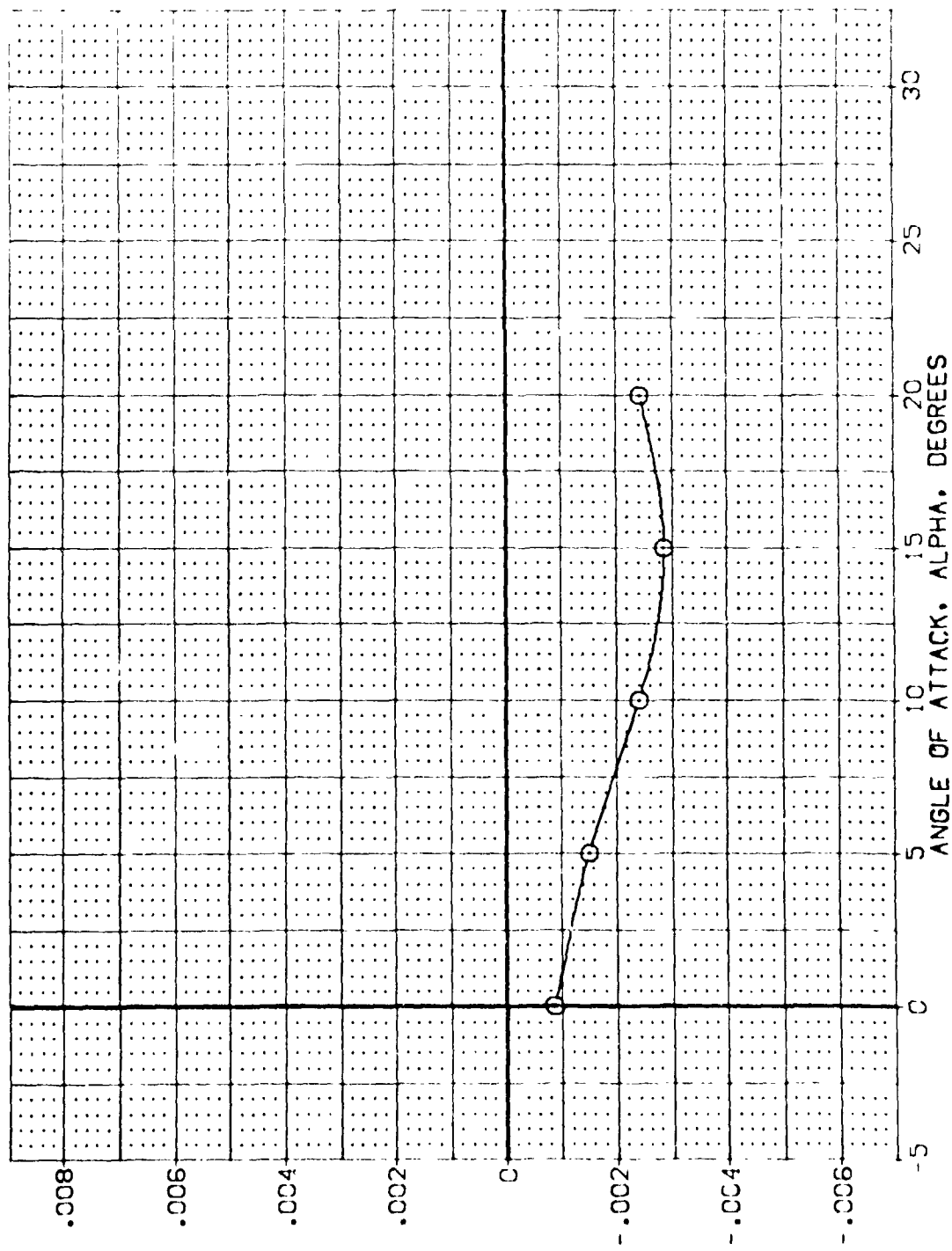


FIG 80 LATERAL-DIRECTIONAL STABILITY, BODY FLAP OFF

SYMBOL
○

RUDDER
.000

PARAMETRIC VALUES
MACH .200 ELEVON .000
ATTIRON .000 SPOORX 25.000

REFERENCE INFORMATION
SPRUE 4.4119 SQ
REF 19.2700 S
BPG 37.9358 S
XAPP 43.5974 S
YAPP .0000 S
ZAPP 15.1875 S
SCALE .0405 S

SIDE FORCE COEFFICIENT DERIVATIVE WITH BETA, CYBETA, PER DEGREE

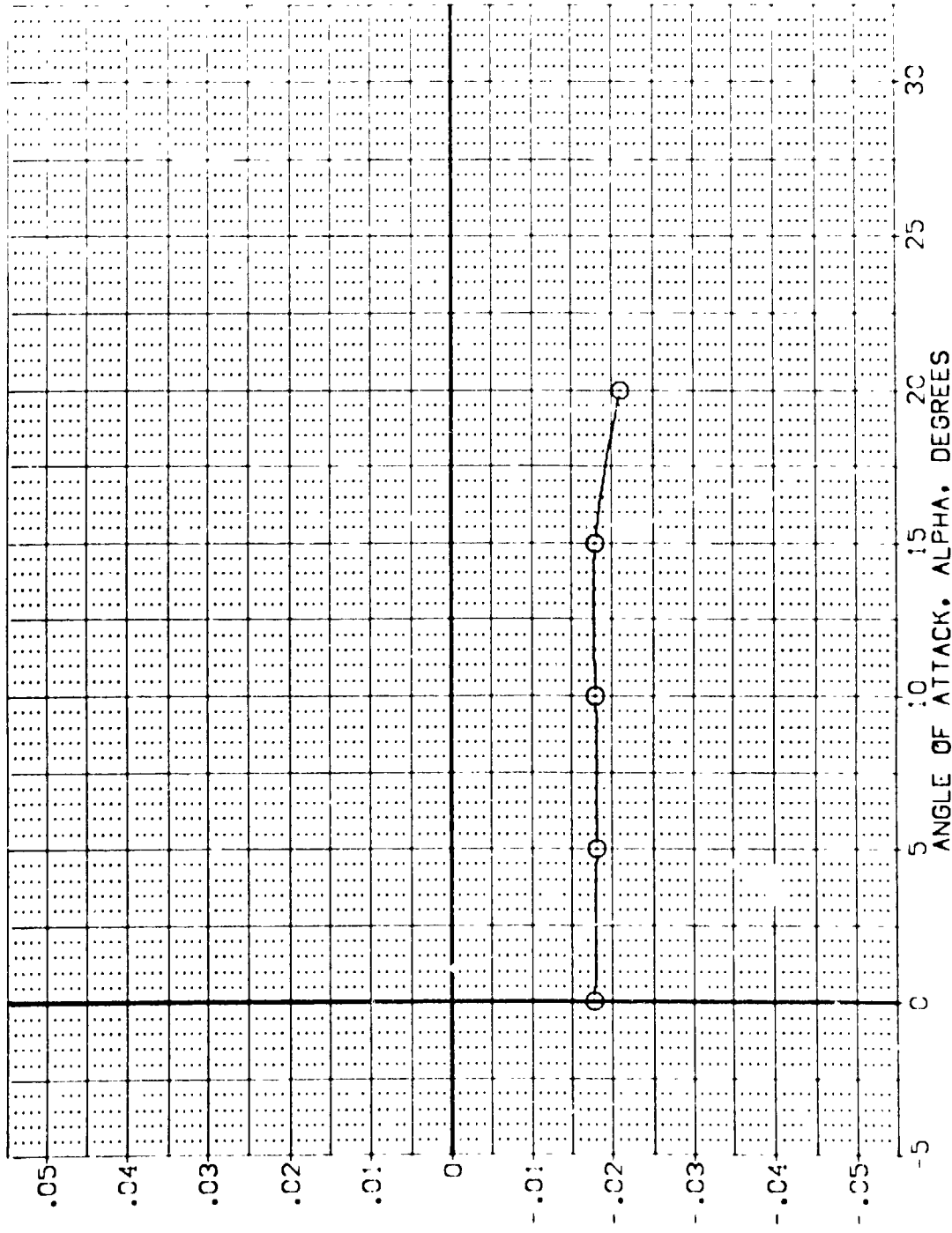


FIG 80 LATERAL-DIRECTIONAL STABILITY, BODY FLAP OFF

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVON	AILERON	REFERENCE INFORMATION
001	CA1628 B26C9 M7F8 V116E28 X9	.000	-12.000	.000	.000	SREF 4.4119 SCALF 1
002	CA1628 B26C9 M7F8 V116E28 X9	5.000	-12.000	.000	.000	LREF 19.2290 SCALF 1
003	CA1628 B26C9 M7F8 V116E28 X9	10.000	-12.000	.000	.000	BREF 37.8209 SCALF 1
004	CA1628 B26C9 M7F8 V116E28 X9	15.000	-12.000	.000	.000	XREF 43.5311 SCALF 1
005	CA1628 B26C9 M7F8 V116E28 X9	20.000	-12.000	.000	.000	YREF 15.1875 SCALF 1
						ZREF .0105 SCALF 1

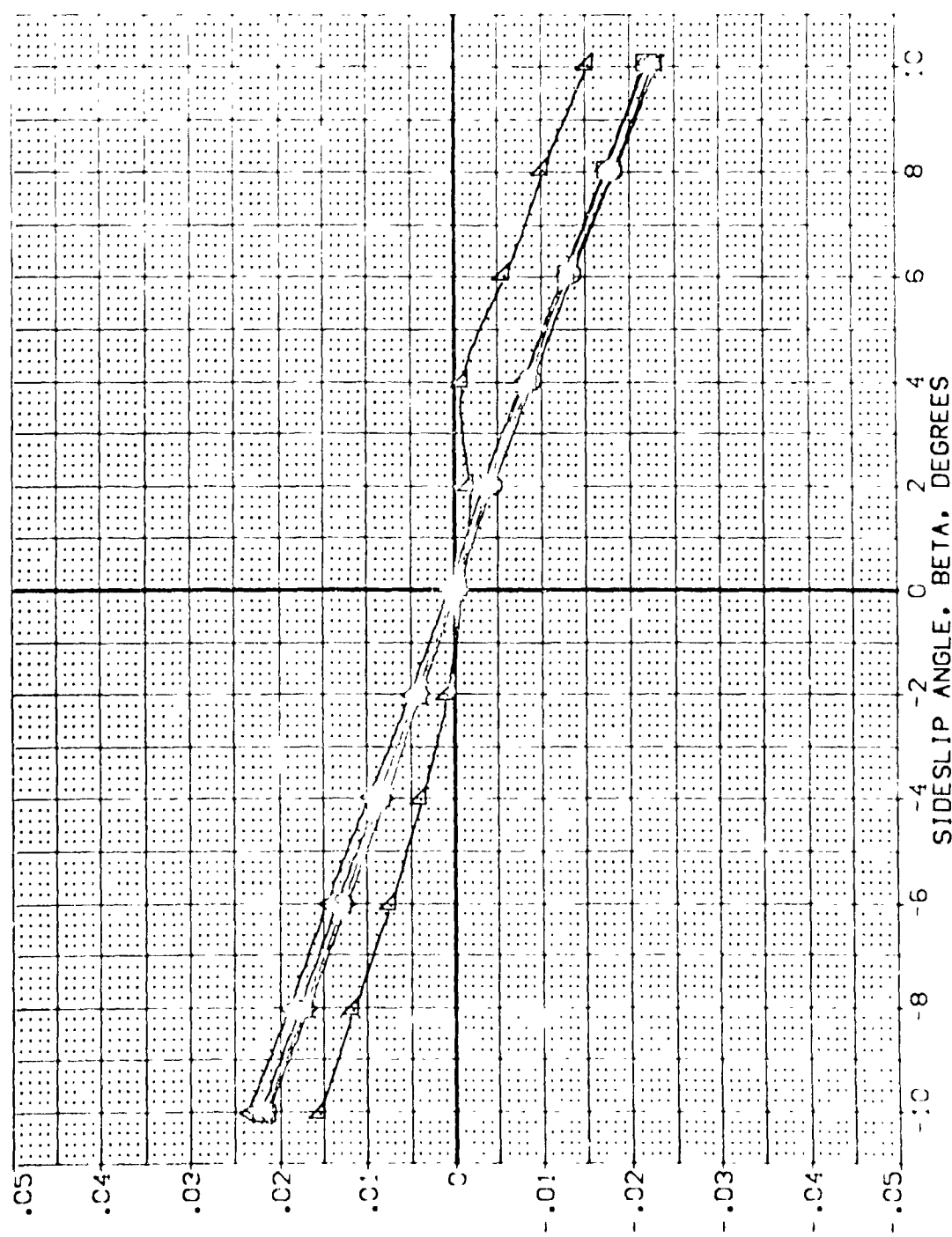


FIG 81 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL OFF

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVON	AIRLON	REFERENCE INFORMATION
002221	01628 B76C9 M7E8 V116E28 X9	0.000	-12.000	.000	.000	SPR 4.4119 SCALE 1.000
002222	01628 B76C9 M7E8 V116E28 X9	5.000	-12.000	.000	.000	LPF 19.2798 SCALE 1.000
002223	01628 B76C9 M7E8 V116E28 X9	10.000	-12.000	.000	.000	BRF 37.9359 SCALE 1.000
002226	01628 B76C9 M7E8 V116E28 X9	15.000	-12.000	.000	.000	XMP 43.5874 SCALE 1.000
002225	01628 B76C9 M7E8 V116E28 X9	20.000	-12.000	.000	.000	YMP 15.0875 SCALE 1.000

ROLLING MOMENT COEFFICIENT, CRL (BODY AXIS)

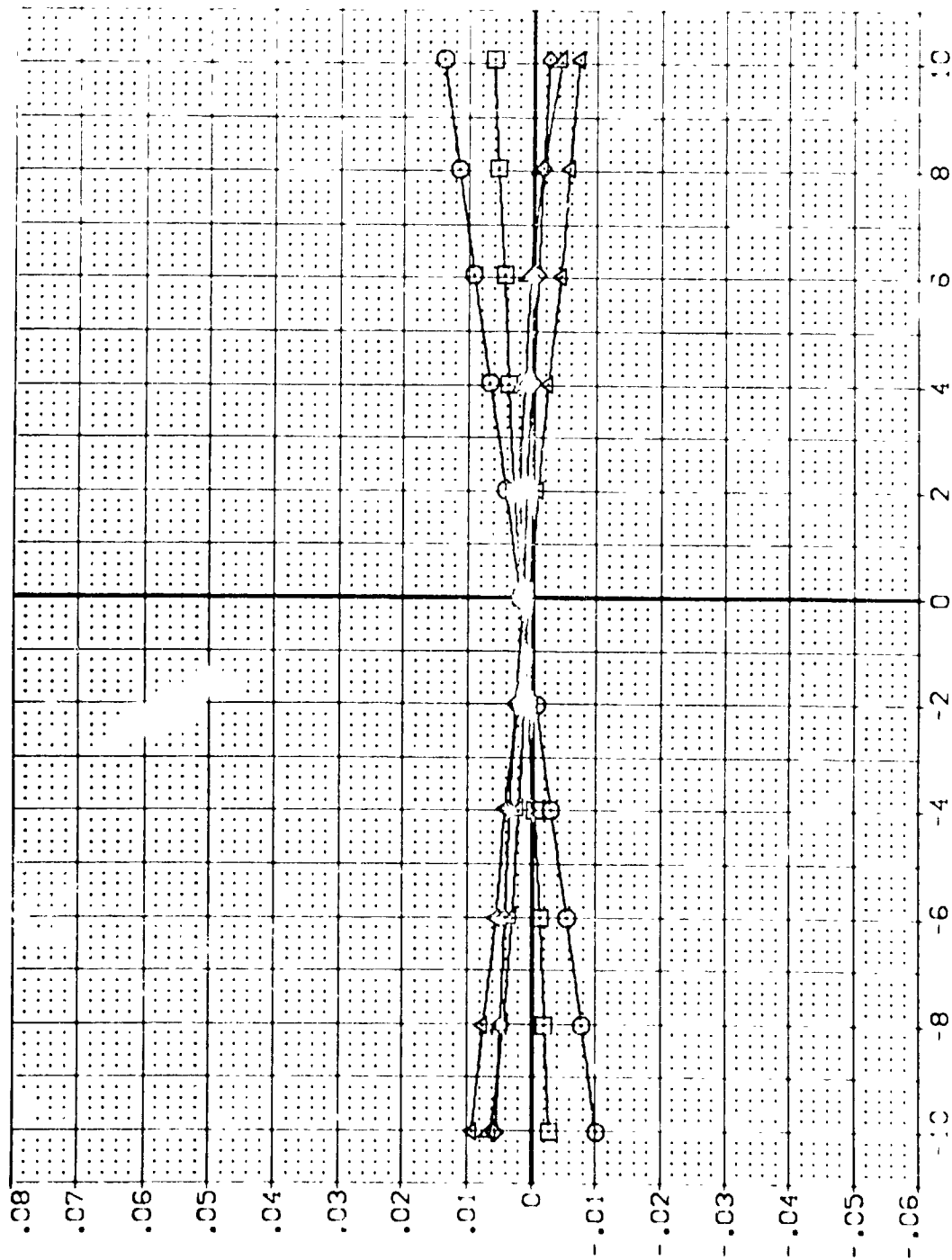


FIG 81 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL OFF

CALCULATED .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BDF LAP	ELEVATION	AIRLIFT	REFERENCE INFORMATION
[R0Z221]	CA628 B26C9 W7F8 V116E28 X9	.000	-12.000	.000	.000	SREF 4.4119 SCALE
[R0Z222]	CA628 B26C9 W7F8 V116E28 X9	.500	-12.000	.000	.000	UREF 19.2239 SCALE
[R0Z223]	CA628 B26C9 W7F8 V116E28 X9	1.000	-12.000	.000	.000	BRF 37.9339 SCALE
[R0Z226]	CA628 B26C9 W7F8 V116E28 X9	15.000	-12.000	.000	.000	XMP 43.5914 SCALE
[R0Z225]	CA628 B26C9 W7F8 V116E28 X9	20.000	-12.000	.000	.000	YMP 15.1875 SCALE
						ZMP 15.1875 SCALE

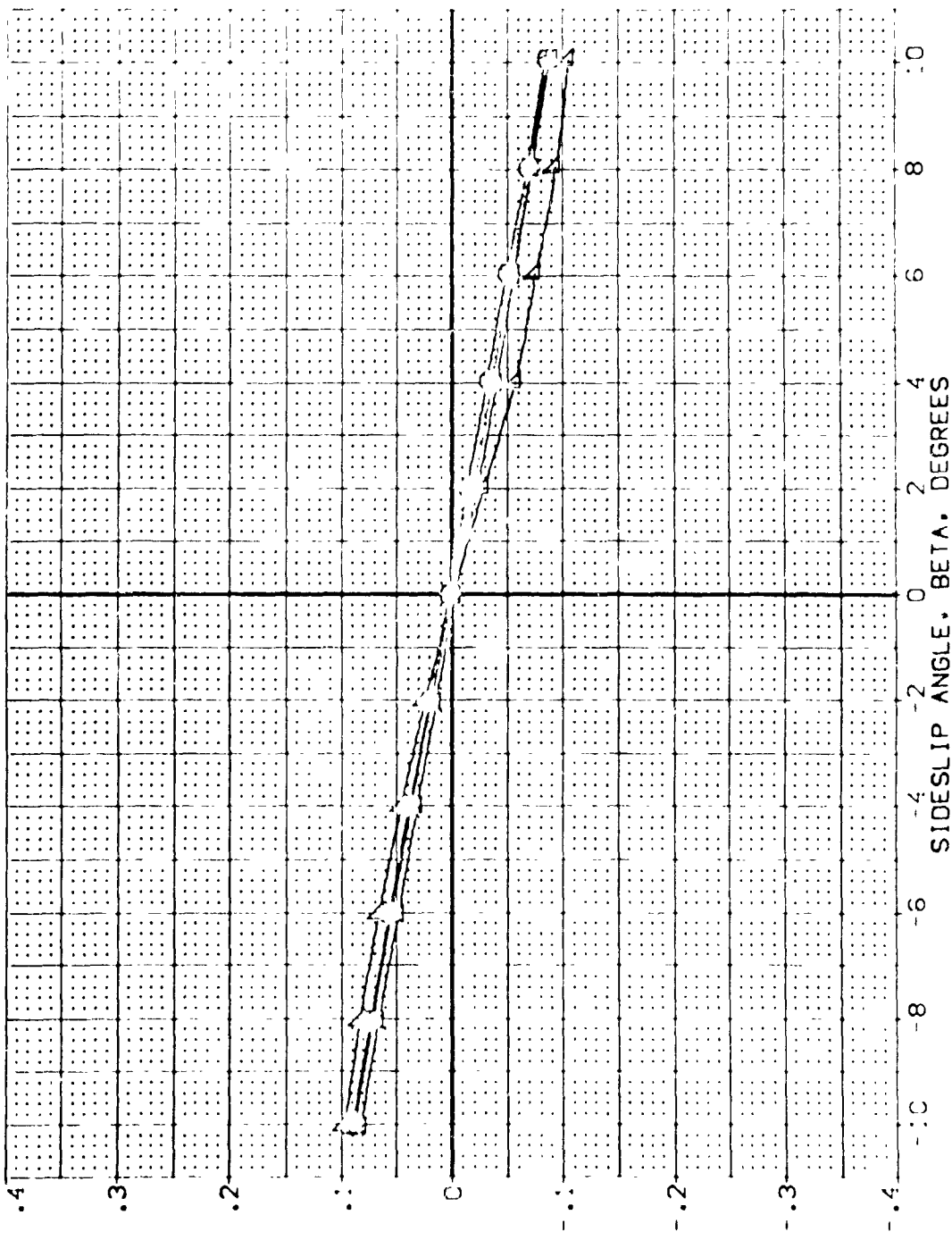


FIG 81 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL OFF

(A)MAC... .20

CA623 B26C9 M7F8 W116E28 X9 (00/221)

SYMBOL

BOEING

MACH

PARAMETRIC VALUES

.200 ELEVON

.000

X9

REFERENCE INFORMATION
SPEC 4.4119 SCALE
LIFT 19.2288
DRAG 37.9318
YPR 43.5814
YPRD 0.0000
YPRD 15.875
SCALE

YAWING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CYNBET, PER DEGREE

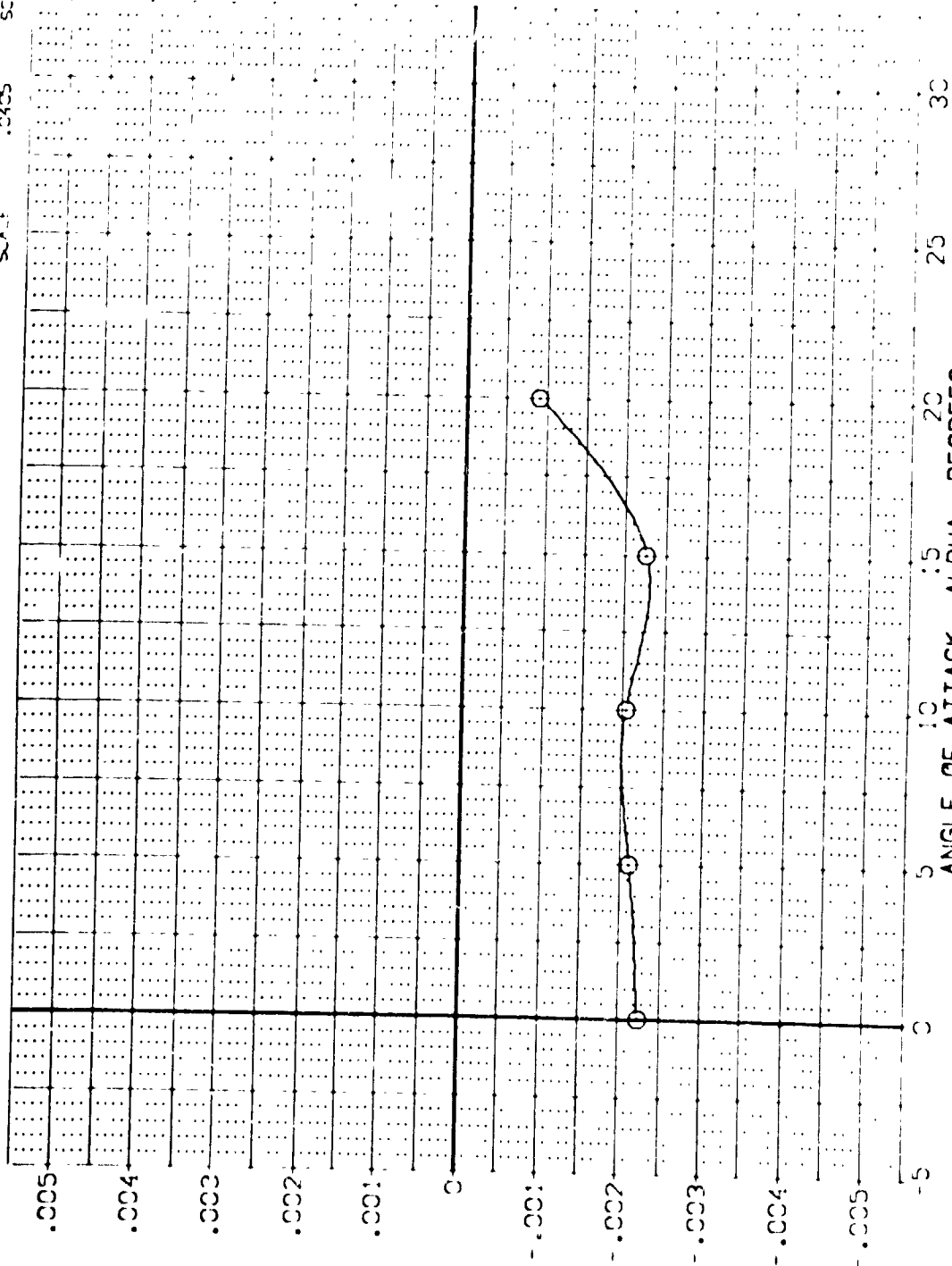


FIG 8: LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL OFF

CA628 B26C9 M7F8 W116E28 X9 (C07221)

SYMBOL BDF LAP -12.000 MACH .200 ELEVON .000
 REFERENCE INFORMATION
 SPRE 4.4119
 LRAE 19.2709
 BRLE 37.9359
 XWOP 43.5574
 YWOP .0000
 ZWOP .0000
 SCALE 15.1875
 SCALE .0405

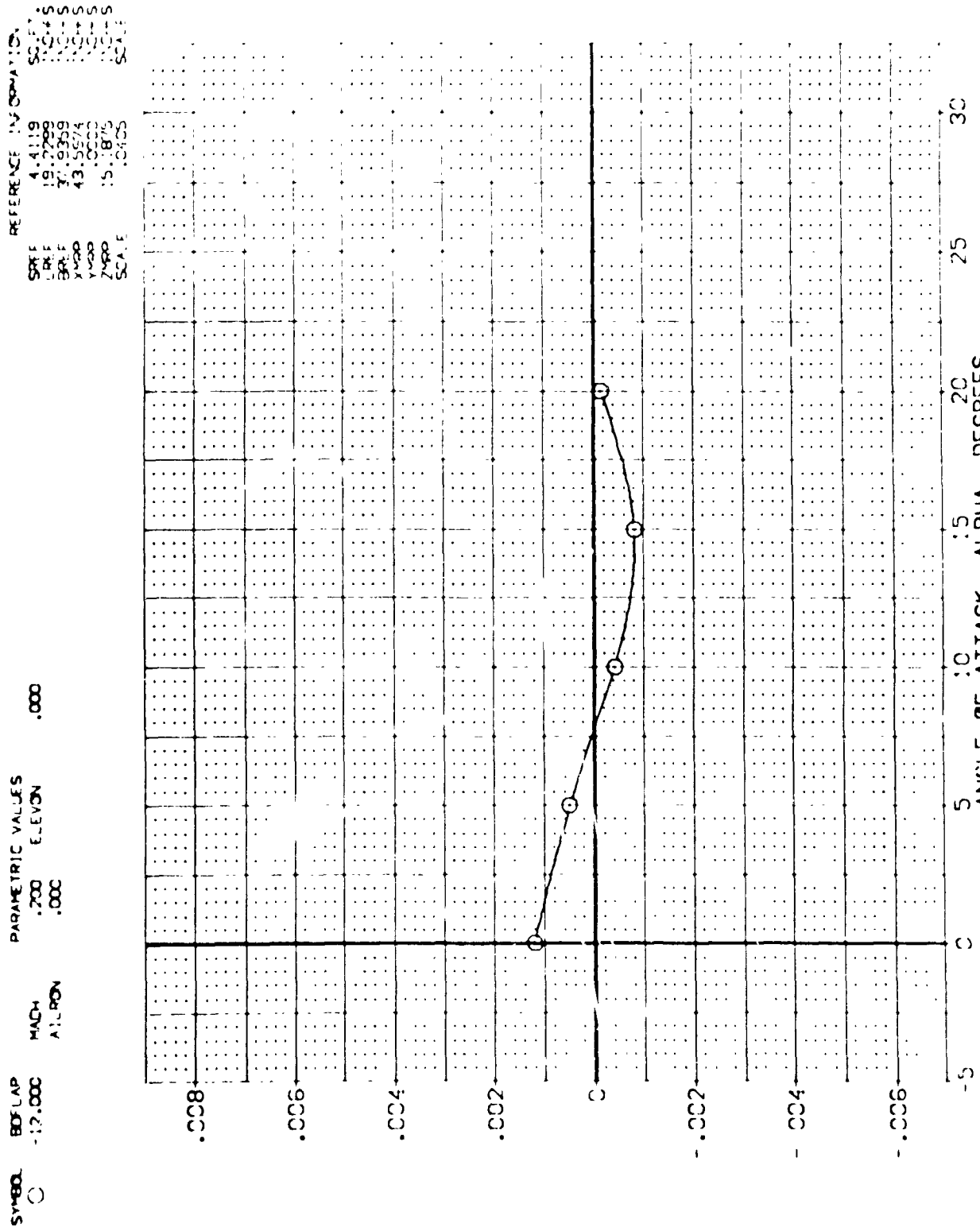


FIG 81 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL OFF

002221)

X9

W116E28

W7F8

CA628 0326C9

SYMBOL
○

BD FLAP
-12.000

MACH
A1.00N

PARAMETRIC VALUES
.200 ELEVON
.000

REFERENCE INFORMATION
SREF 4.4119
LREF 19.2208
BREF 37.9368
XREF 43.5874
YREF 15.0000
ZREF 15.873
SCALE .0400

SIDE FORCE COEFFICIENT DERIVATIVE WITH BETA, CYBETA, PER DEGREE

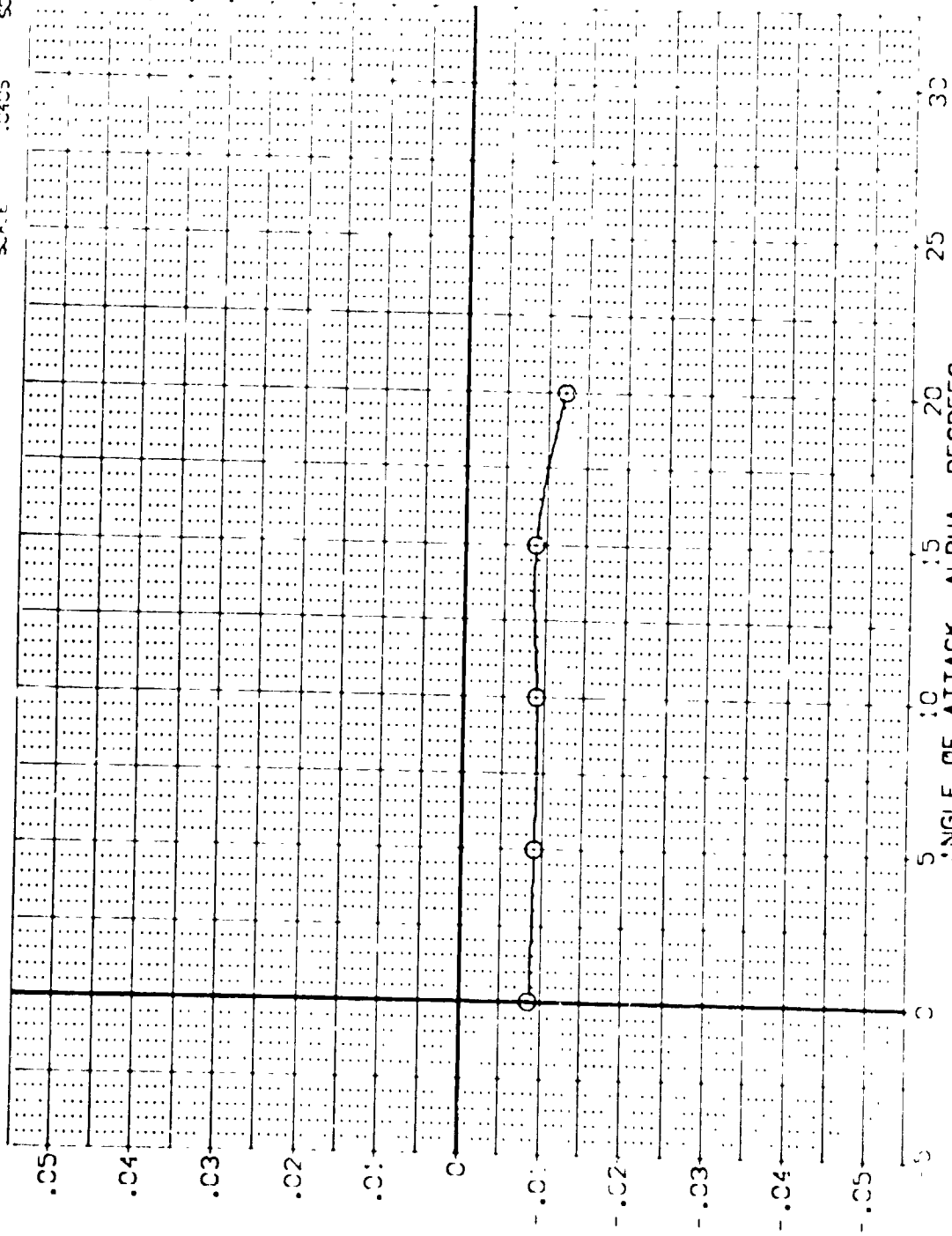


FIG 81 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL OFF

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVON	AILERON	REFERENCE INFORMATION
[R072:5]	CA528 B76C9 FB V116E28 X9	.000	-12.000	.000	.000	SPRF 4.4119 50.17
[R072:6]	CA528 B76C9 FB V116E28 X9	5.000	-12.000	.000	.000	LINE 19.2269 10.00
[R072:7]	CA528 B76C9 FB V116E28 X9	10.000	-12.000	.000	.000	BRF 37.9359 10.00
[R072:8]	CA528 B76C9 FB V116E28 X9	15.000	-12.000	.000	.000	YPRD 43.5974 10.00
[R072:9]	CA528 B76C9 FB V116E28 X9	20.000	-12.000	.000	.000	YPRD 15.1813 10.00
						SCALE 1.000

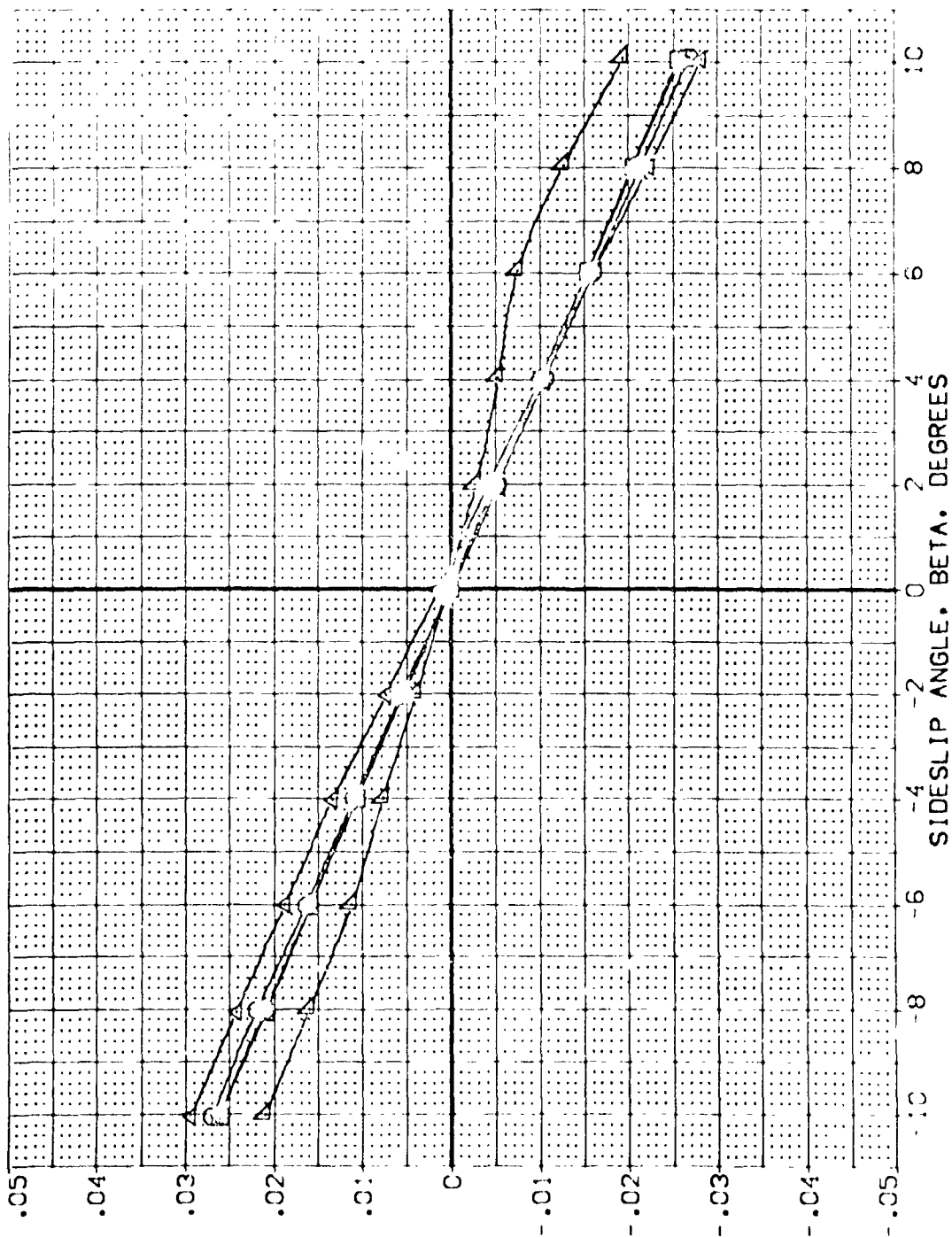


FIG 82 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL AND CMS PODS OFF

(A) VAC - .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVON	AILERON	REFERENCE INFORMATION
[P072]5	D1628 B76C9 F8 V116E28 X9	.000	-12.000	.000	.000	SREF 4.4119 SCALE 1
[P072]6	D1628 B76C9 F8 V116E28 X9	.000	-12.000	.000	.000	LRFF 19.2299 SCALE 1
[P072]7	D1628 B76C9 F8 V116E28 X9	.000	-12.000	.000	.000	BRFF 37.5959 SCALE 1
[P072]8	D1628 B76C9 F8 V116E28 X9	.000	-12.000	.000	.000	YREF 43.5974 SCALE 1
[P072]9	D1628 B76C9 F8 V116E28 X9	.000	-12.000	.000	.000	YREF 15.1875 SCALE 1

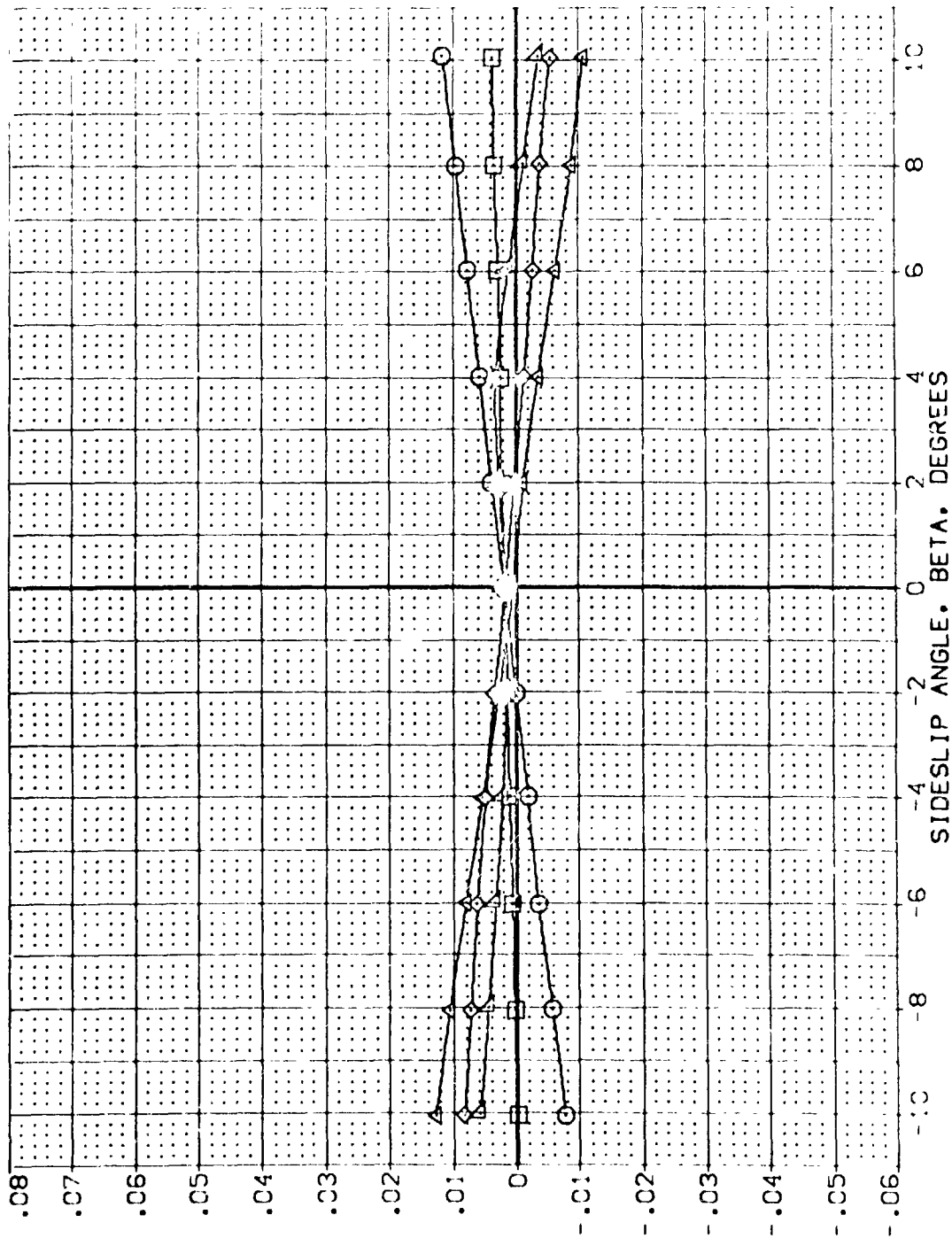
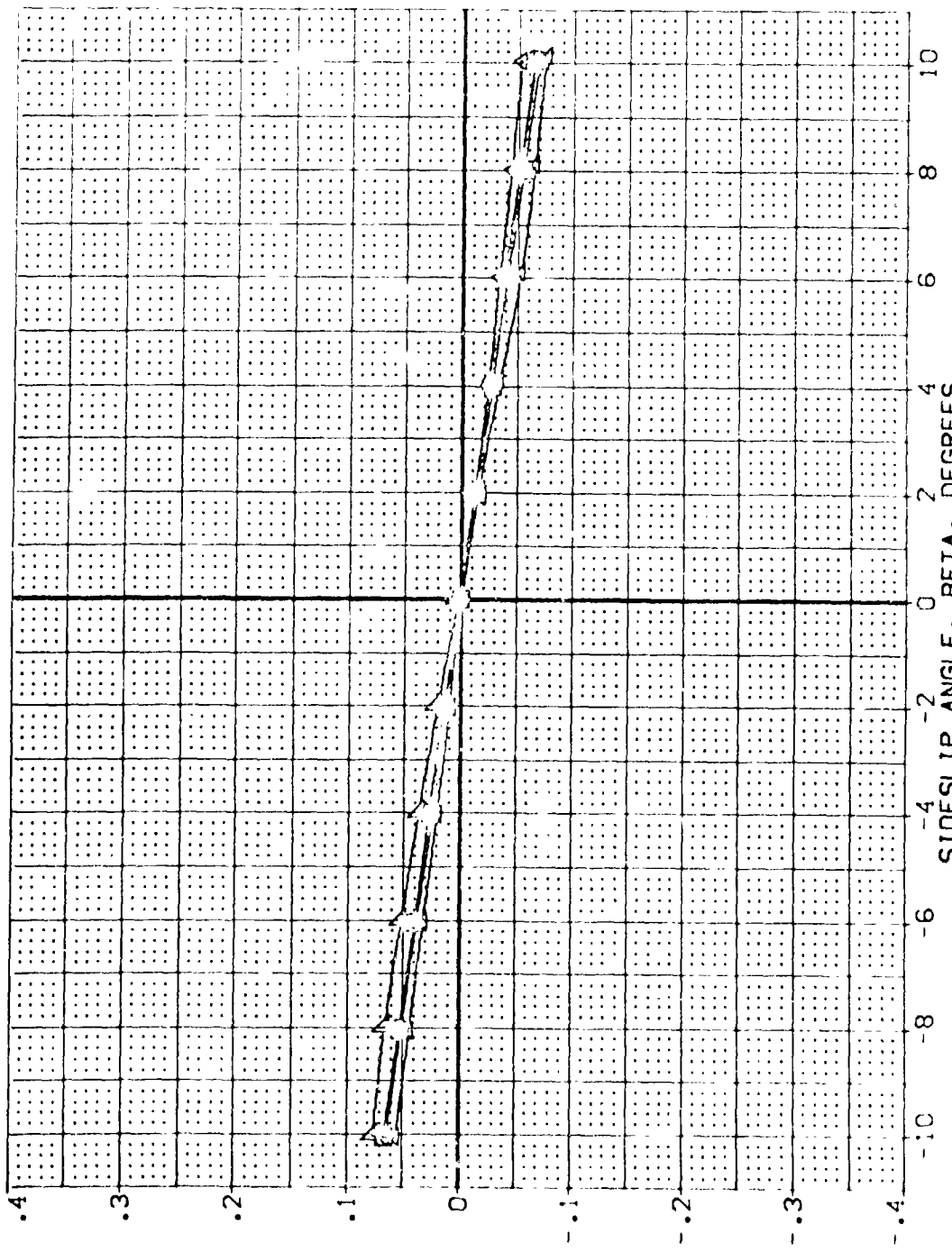


FIG 82 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL AND CMS PODS OFF

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOLAP	ELEVON	AIRLON	REFERENCE INFORMATION
[R02215]	DA628 B26C9 F8 V116E28 X9	.000	-12.000	.000	.000	SPRF 4.4119 SC.FT.
[R02216]	DA628 B26C9 F8 V116E28 X9	5.000	-12.000	.000	.000	URF 19.2799 SC.FT.
[R02217]	DA628 B26C9 F8 V116E28 X9	10.000	-12.000	.000	.000	BRF 37.9399 SC.FT.
[R02218]	DA628 B26C9 F8 V116E28 X9	15.000	-12.000	.000	.000	XMRP 43.5974 SC.FT.
[R02219]	DA628 B26C9 F8 V116E28 X9	20.000	-12.000	.000	.000	YMRP .0000 SC.FT.
						ZMRP 15.1875 SC.FT.
						SCALE .0405



SIDE FORCE COEFFICIENT, CY

FIG 82 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL AND OMS PODS OFF

(CDZ215)

X9

F8 W116E28

0A62B B26C9

SYMBOL
C

BOFLAP
-12.000

MACH
A1LR0N

PARAMETRIC VALUES
.200 ELEVON
.000

SRF
LREF
BREF
XMRP
YMRP
ZMRP
SCALE

REFERENCE INFORMATION
4.4119
9.2289
37.9359
43.5974
.0000
15.1875
.0405

SCALE
SCALES
SCALES
SCALES
SCALES
SCALES
SCALES

YAWING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CYNBET, PER DEGREE

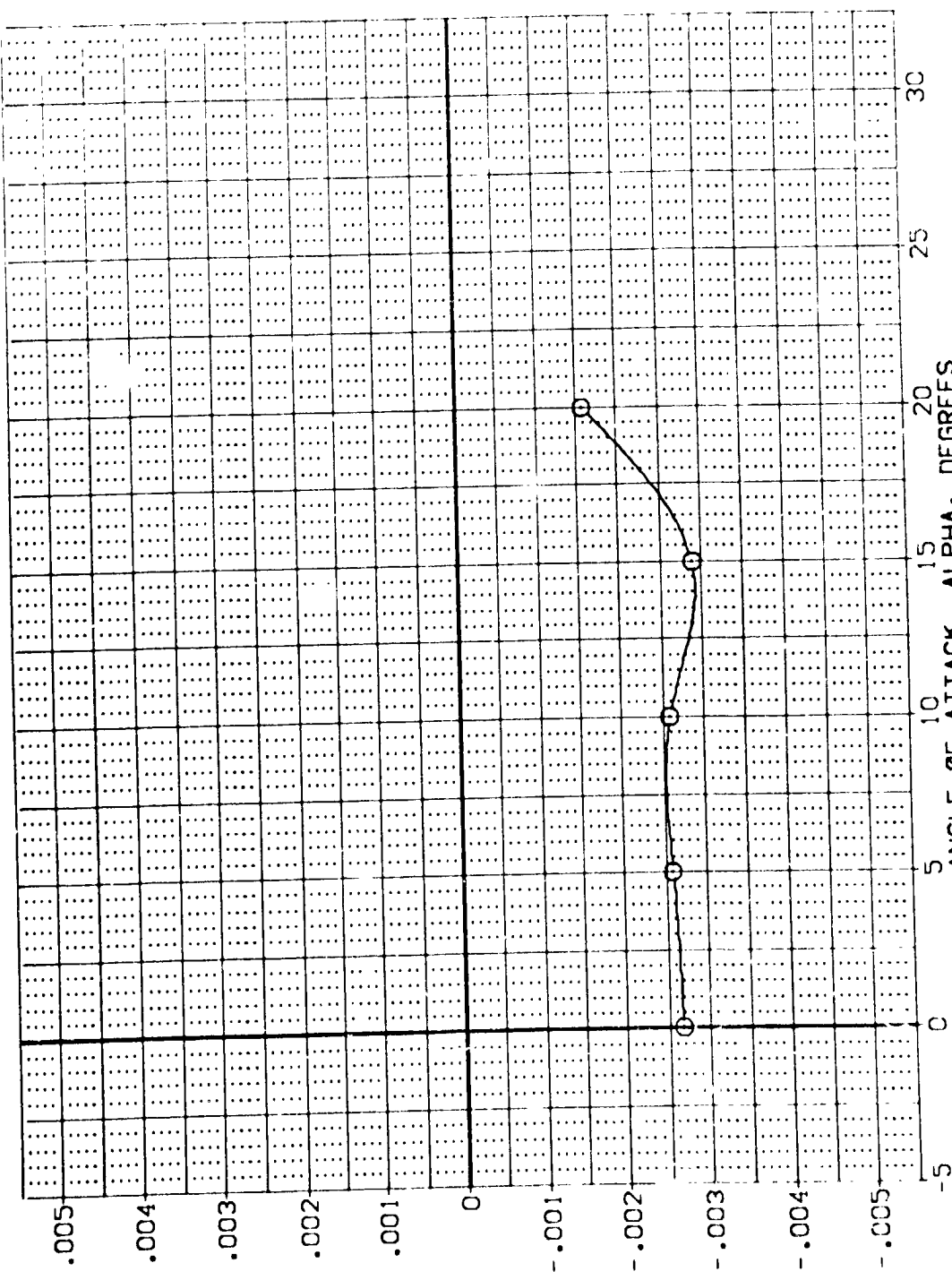


FIG 82 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL AND OMS PODS OFF

0A62B B26C9 F8 W116E28 X9 (CDZ215)

SYMBOL
○

BD FLAP
-12.000

MACH
A11RON

PARAMETRIC VALUES
.200 ELEVON
.000

.000

REFERENCE INFORMATION
SREF 4.4119
LREF 19.2299
SCAL 37.9359
XREF 43.5974
YREF .0000
ZREF 15.1875
SCALE .0405

SCAL 37.9359
XREF 43.5974
YREF .0000
ZREF 15.1875
SCALE .0405

ROLLING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CBLBET, PER DEGREE

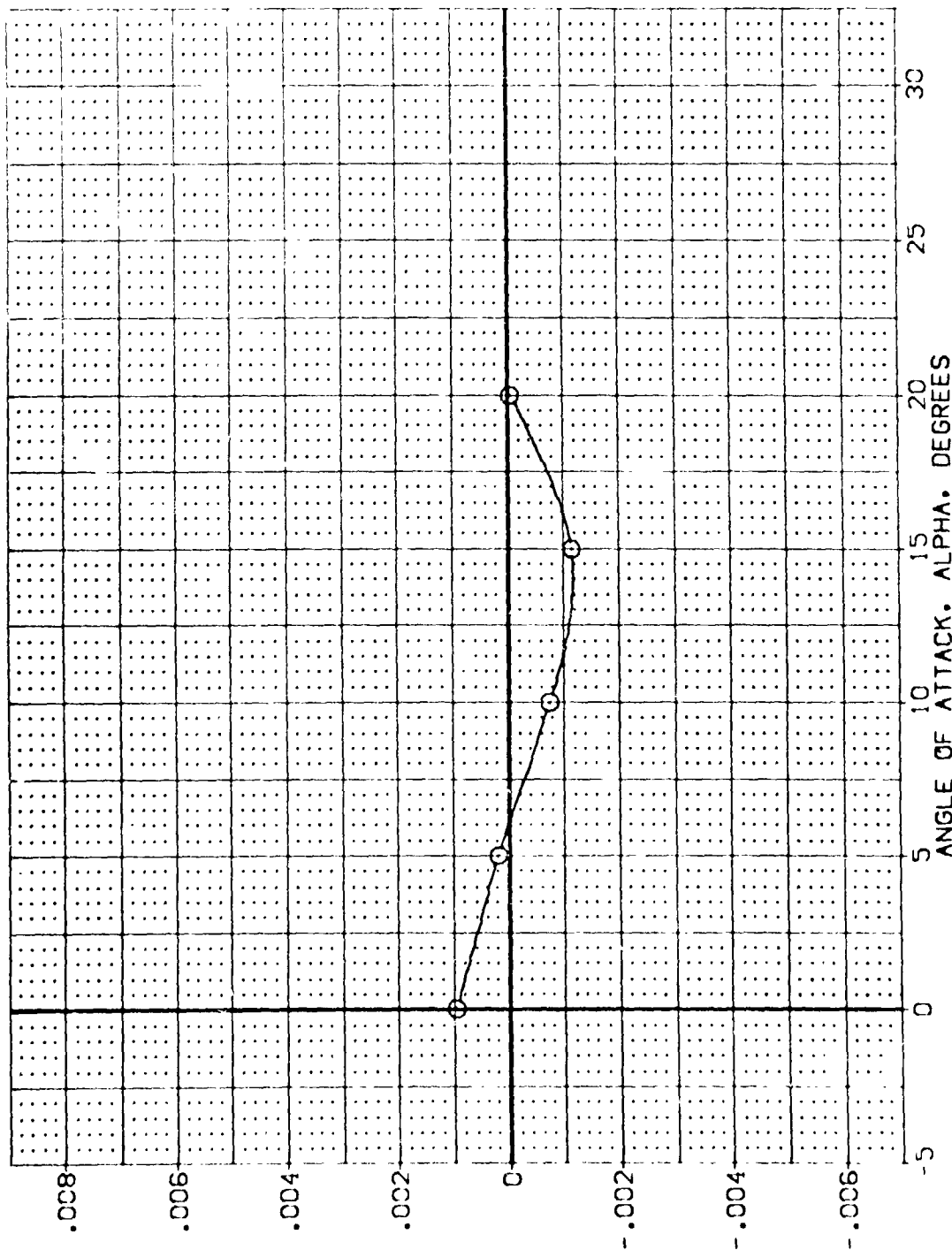


FIG 82 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL AND OMS PODS OFF

SYMBOL
○

BD FLAP
-12.000

MACH
AIRRON

PARAMETRIC VALUES
.200 ELEVON
.000

0A62B 826C9 F8 W116E28 X9 (C02215)

REFERENCE INFORMATION
SREF 4.4119 SC.F. \$
LREF 19.7299 NG.F. \$
BR.F 37.9359 NG.F. \$
XMPD 43.5874 NG.F. \$
YMPD 10000 NG.F. \$
ZMPD 15.875 NG.F. \$
SCALE .0405

SIDE FORCE COEFFICIENT DERIVATIVE WITH BETA, CYBETA, PER DEGREE

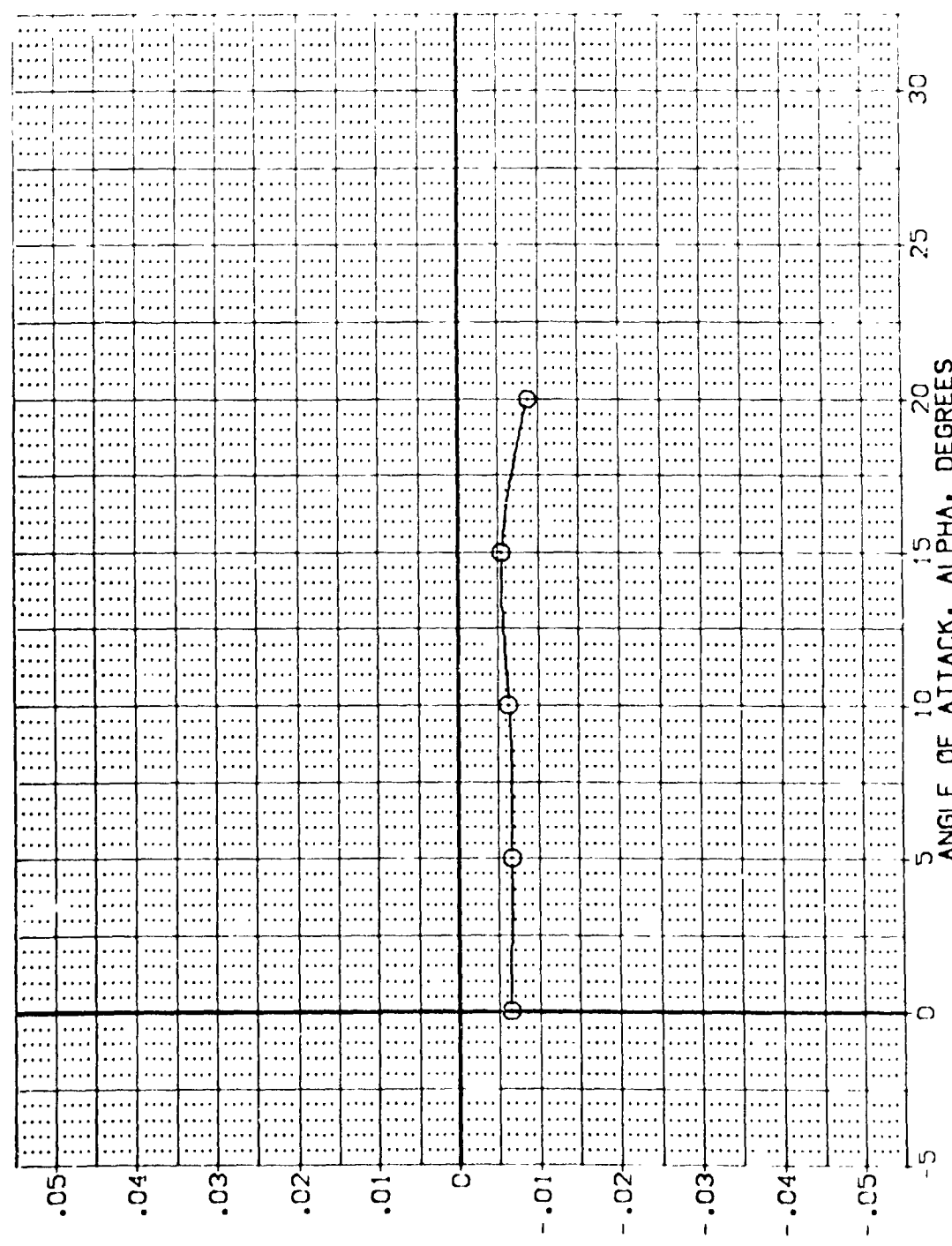


FIG 82 LATERAL-DIRECTIONAL STABILITY, VERTICAL TAIL AND OMS PODS OFF

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	BOFLAP	REFERENCE INFORMATION
[R02209]	D4628 B26C9 F8 V115E28V85X9	.000	.000	25.000	-12.000	SREF 4.4119 SQ.FT.
[R02210]	D4628 B26C9 F8 V115E28V85X9	5.000	.000	25.000	-12.000	IREF 19.2009 NC.FT.
[R02211]	D4628 B26C9 F8 V115E28V85X9	10.000	.000	25.000	-12.000	BRFF 37.9329 NC.FT.
[R02212]	D4628 B26C9 F8 V115E28V85X9	15.000	.000	25.000	-12.000	XMPD 43.5974 NC.FT.
[R02213]	D4628 B26C9 F8 V115E28V85X9	20.000	.000	25.000	-12.000	ZMPD .0000 NC.FT.
						SCALE 15.1875 SCALE

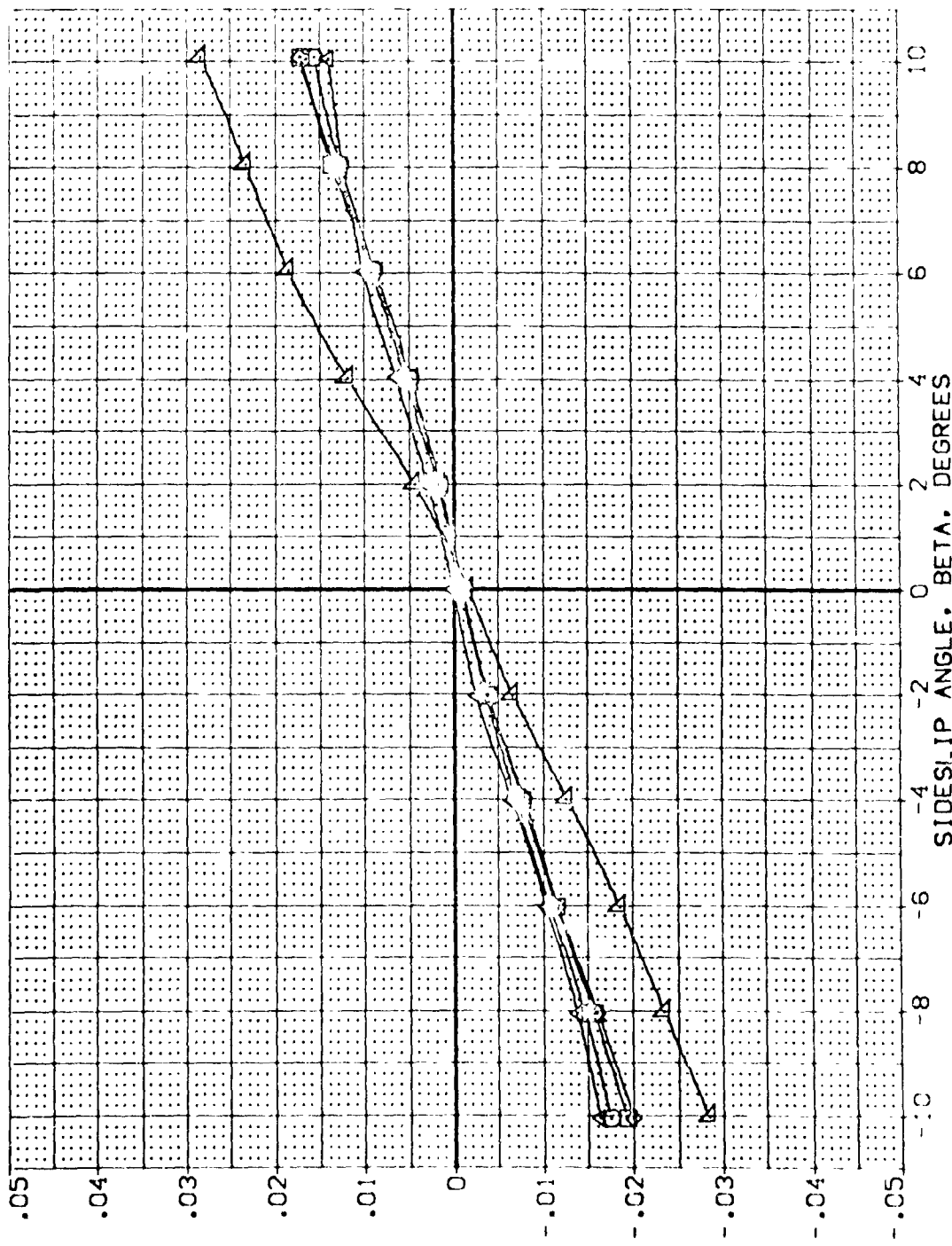


FIG 83 LATERAL-DIRECTIONAL STABILITY, QMS PODS OFF

[A]MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOILER	BOFLAP	REFERENCE INFORMATION
[RDZ209]	0A628 826C9 F8 V116E28V885X9	.000	.000	25.000	-12.000	SREF 4.419 SCALING
[RDZ210]	0A628 826C9 F8 V116E28V885X9	5.000	.000	25.000	-12.000	LBREF 19.249 SCALING
[RDZ211]	0A628 826C9 F8 V116E28V885X9	10.000	.000	25.000	-12.000	BRREF 37.935 SCALING
[RDZ212]	0A628 826C9 F8 V116E28V885X9	15.000	.000	25.000	-12.000	YREF 43.587 SCALING
[RDZ213]	0A628 826C9 F8 V116E28V885X9	20.000	.000	25.000	-12.000	ZREF .000 SCALING
						SCALE 15.1875 SCALING

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

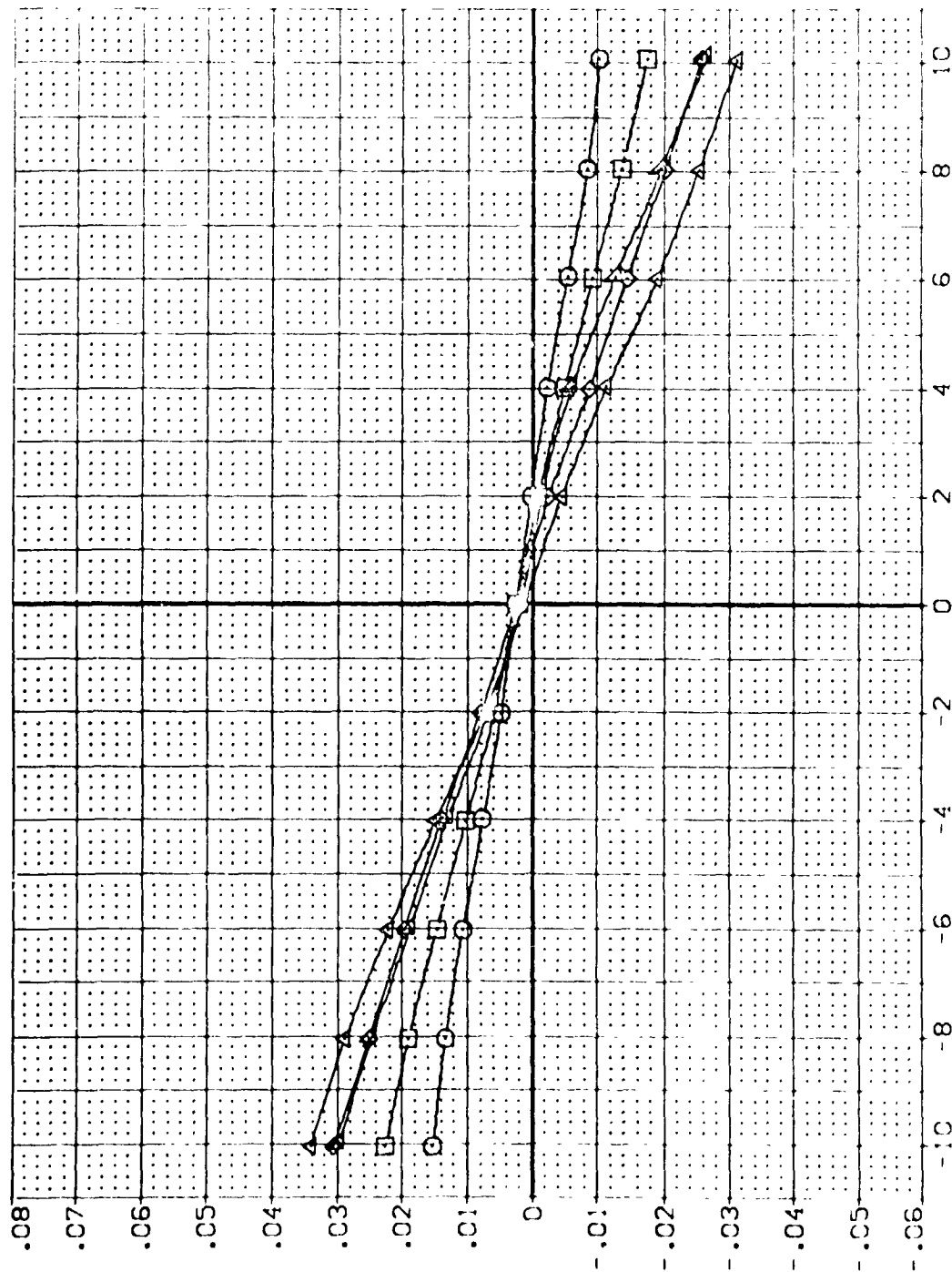


FIG 83 LATERAL-DIRECTIONAL STABILITY, CMS PODS OFF

CAMAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOBRK	BOLAP	REFERENCE INFORMATION
[RDZ209]	Q 0A628 B26C9 F8 V 16E28V8F5X9	.000	.000	25.000	-12.000	SREF 4.4119 SQ.FT.
[RDZ210]	Q 0A628 B26C9 F8 V 16E28V8F5X9	5.000	.000	25.000	-12.000	LR.F 19.2299
[RDZ211]	Q 0A628 B26C9 F8 V 16E28V8F5X9	10.000	.000	25.000	-12.000	BR.F 37.9359
[RDZ212]	Q 0A628 B26C9 F8 V 16E28V8F5X9	15.000	.000	25.000	-12.000	YMRP 43.5974
[RDZ213]	Q 0A628 B26C9 F8 V 16E28V8F5X9	20.000	.000	25.000	-12.000	YMRP 15.875
						SCALE 10.000

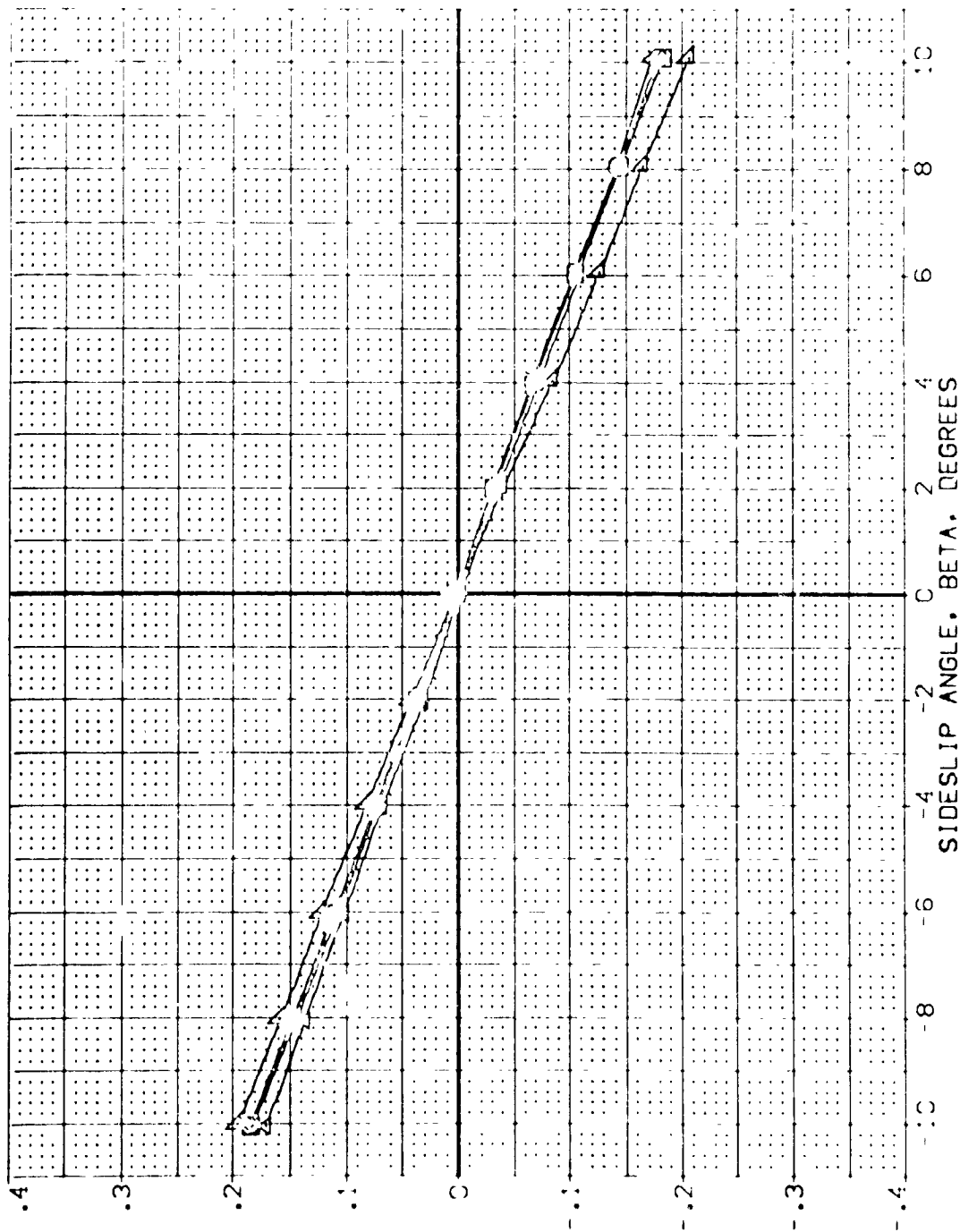


FIG 83 LATERAL-DIRECTIONAL STABILITY, OMS PODS OFF

CADMAC - .20

CA628 B26C9 F8 W116E28V8R5X9

(CDZ209)

SYMBOL
○

RUDER
.000

PARAMETRIC VALUES

MACH .200 BOFLAP -12.000
ELEVON .000 AILERON .000
SPDRK 25.000

REFERENCE INFORMATION
SREF 4.4119 SQ.FT.
LREF 19.2298 SQ.FT.
BREF 37.9358 SQ.FT.
XMRP 43.5874 SQ.FT.
YMRP .0000 SQ.FT.
ZMRP 15.1875 SQ.FT.
SCALE .0405

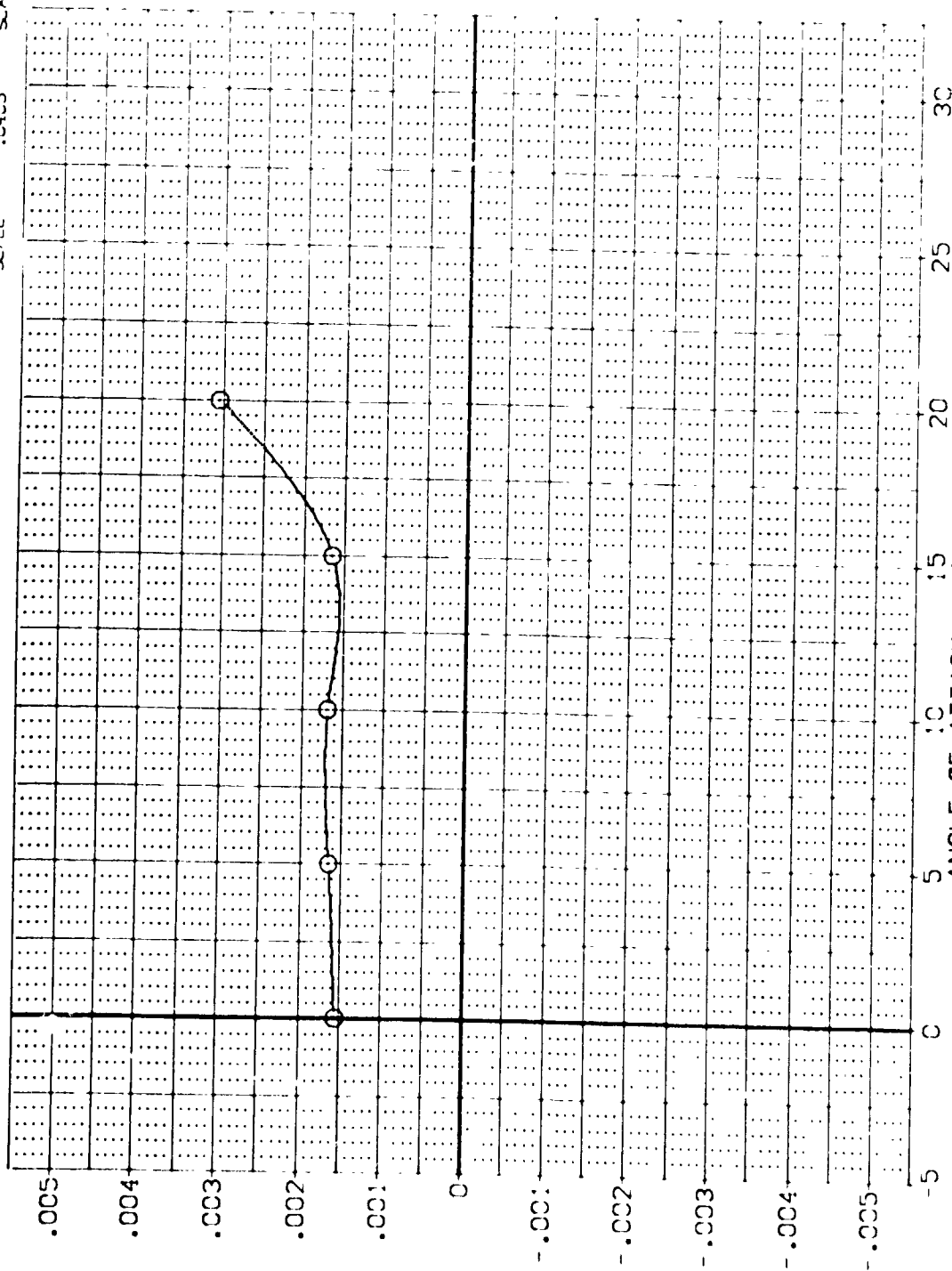


FIG 83 LATERAL-DIRECTIONAL STABILITY, QMS PODS OFF

(C07209)

3A62B 826C9 F8 W116E28V8R5X9

REFERENCE INFORMATION
 SREF 4.419 SCALE
 LREF 19.2298
 BREF 37.9308
 XREF 43.5974
 YREF .000
 ZREF 15.1875
 SCALE .0405

PARAMETRIC VALUES
 BOFLAP -12.000
 AILRON .000
 SPOBRK 25.000

SYMBOL
 ○
 RUDDER .000
 MACH
 ELEVON
 SPOBRK

ROLLING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CBLBET, PER DEGREE

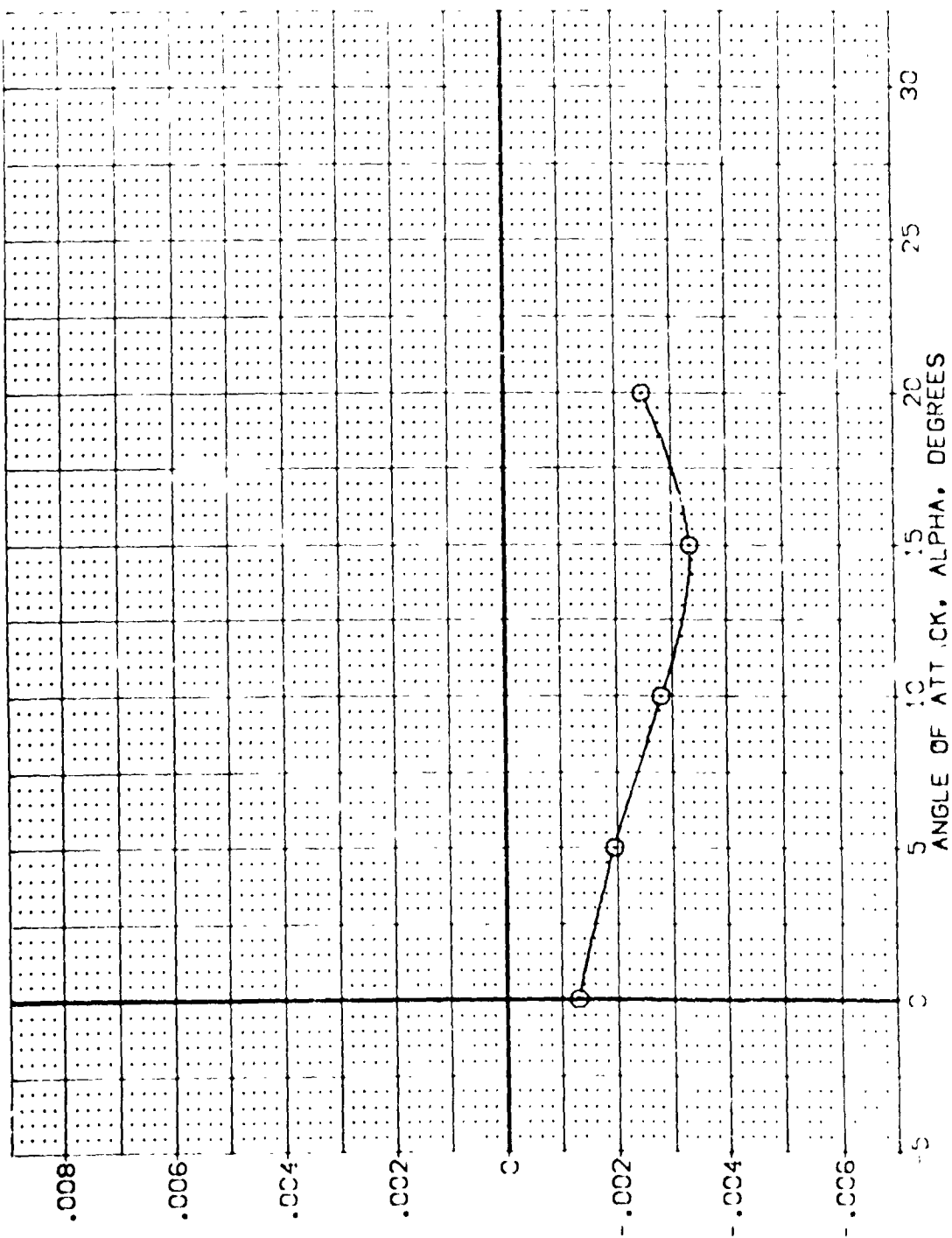


FIG 83 LATERAL-DIRECTIONAL STABILITY, CMS PODS OFF

SYMBOL

RJ000

CA62B B26C9 F8 W116E28V8R5X9

(C07209)

PARAMETRIC VALUES
MACH .200 BDF LAP -12.000
ELEVON .000 AILRON .000
SPDBRK 25.000

REFERENCE INFORMATION
SREF 4.419
REF 19.2299
BDF 37.9359
X400 43.5874
Y400 0.0000
Z400 15.1333
SCALE 10.000

SIDE FORCE COEFFICIENT DERIVATIVE WITH BETA, CYBETA, PER DEGREE

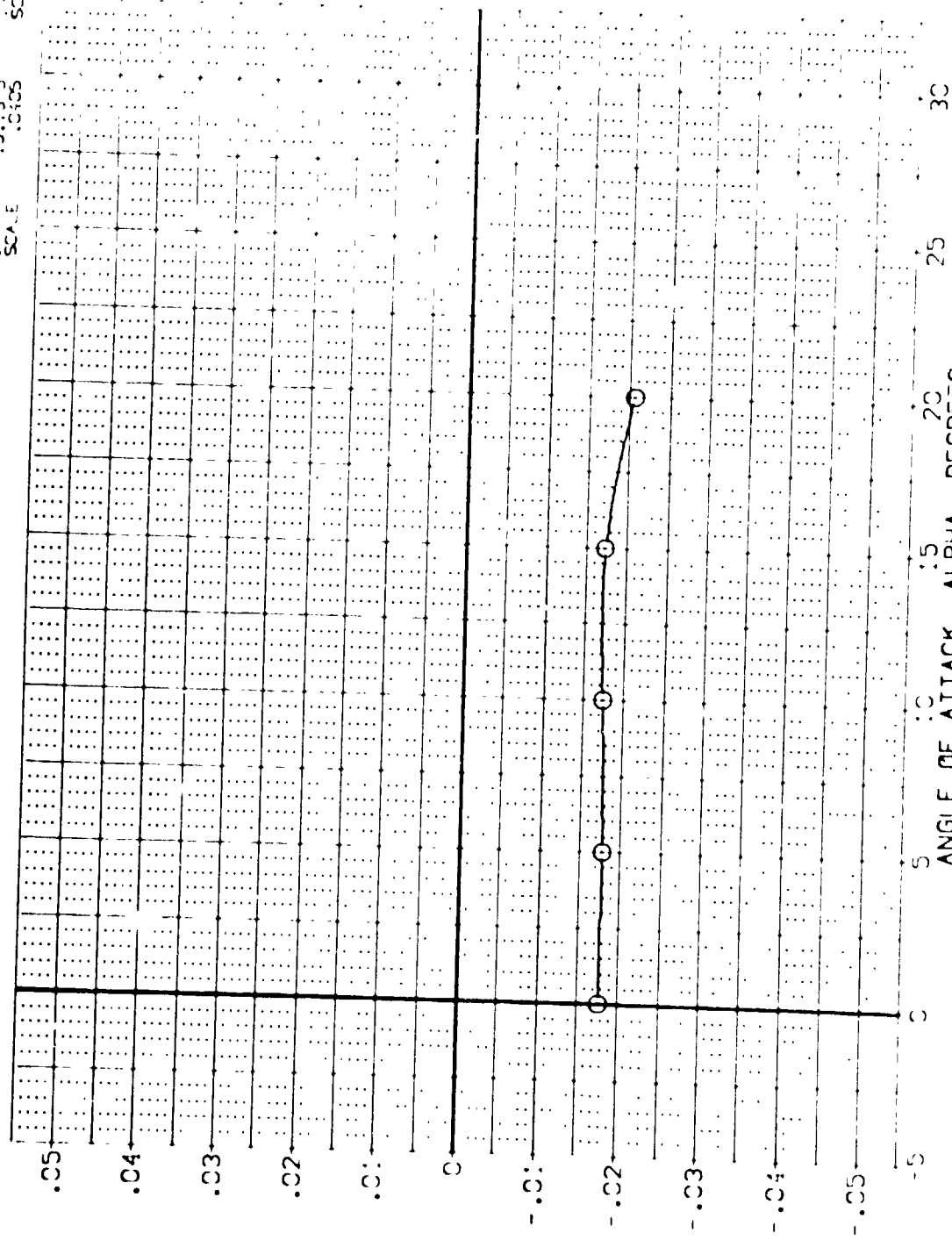
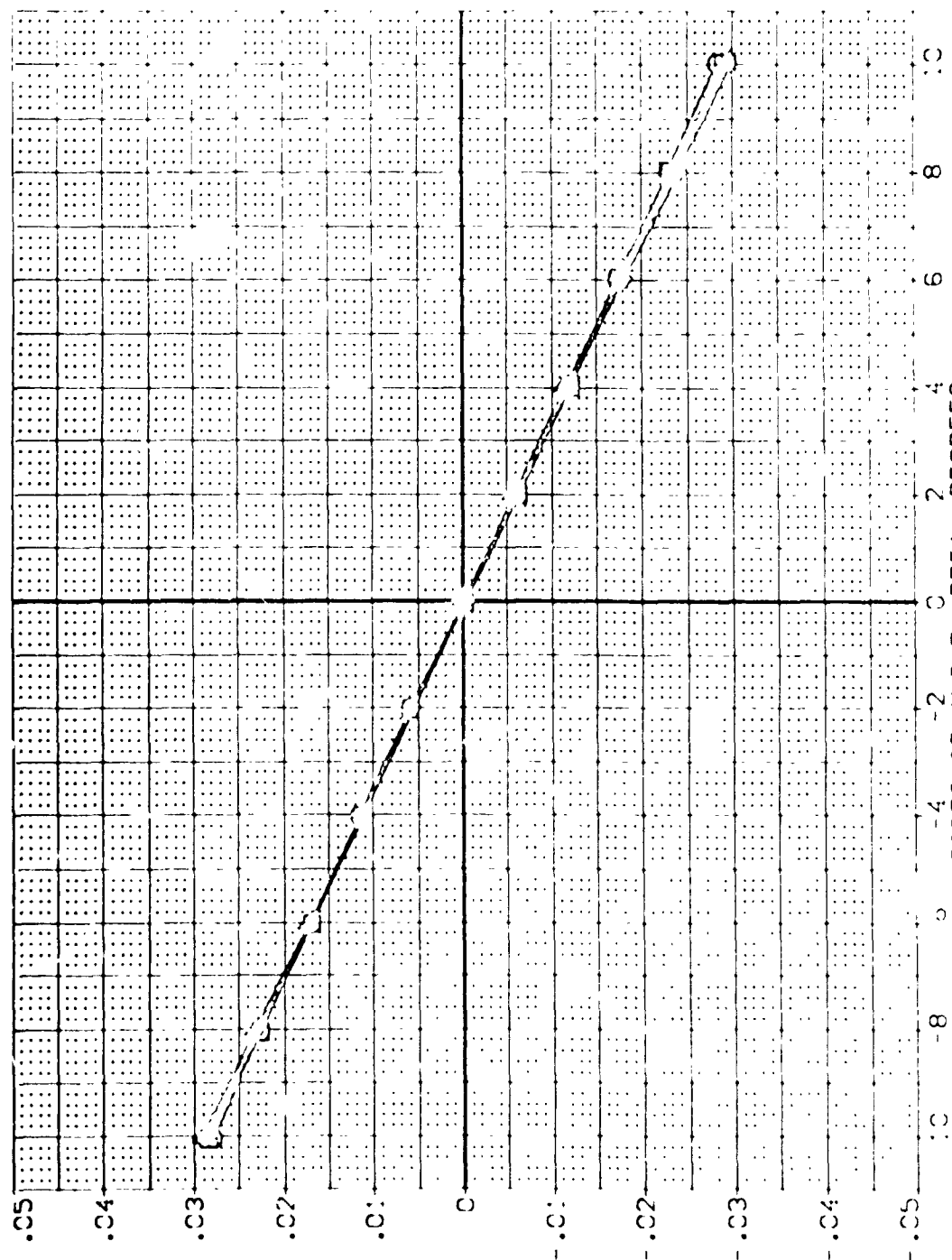


FIG 83 LATERAL-DIRECTIONAL STABILITY, OMS PODS OFF

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVON	AIRLON	REFERENCE INFORMATION
[PCZ444]	D	CA62B B26C9 FB	.000	-12.000			SREF 4.4119 SCALE 5
[PCZ445]		CA62B B26C9 FB	5.000	-12.000			SREF 19.2299 SCALE 5
[PCZ446]		CA62B B26C9 FB	10.000	-12.000			SREF 37.9359 SCALE 5
[PCZ447]		CA62B B26C9 FB	15.000	-12.000			SREF 43.5974 SCALE 5
[PCZ448]		CA62B B26C9 FB	20.000	-12.000			SREF 51.1875 SCALE 5
							SREF 51.1875 SCALE 5



YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

FIG 84 LATERAL-DIRECTIONAL STABILITY, BODY ALONE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVON	AILRON	REFERENCE INFORMATION
[R27444]	01628 B76C9 FB	.000	-12.000			SRF 4.4115 SCALF
[R27445]	01628 B76C9 FB	5.000	-12.000			SRF 19.2299 SCALF
[R27446]	01628 B76C9 FB	10.000	-12.000			SRF 37.9339 SCALF
[R27447]	01628 B76C9 FB	15.000	-12.000			SRF 43.5971 SCALF
[R27448]	01628 B76C9 FB	20.000	-12.000			SRF 55.0000 SCALF

ROLLING MOMENT COEFFICIENT, CRL (BODY AXIS)

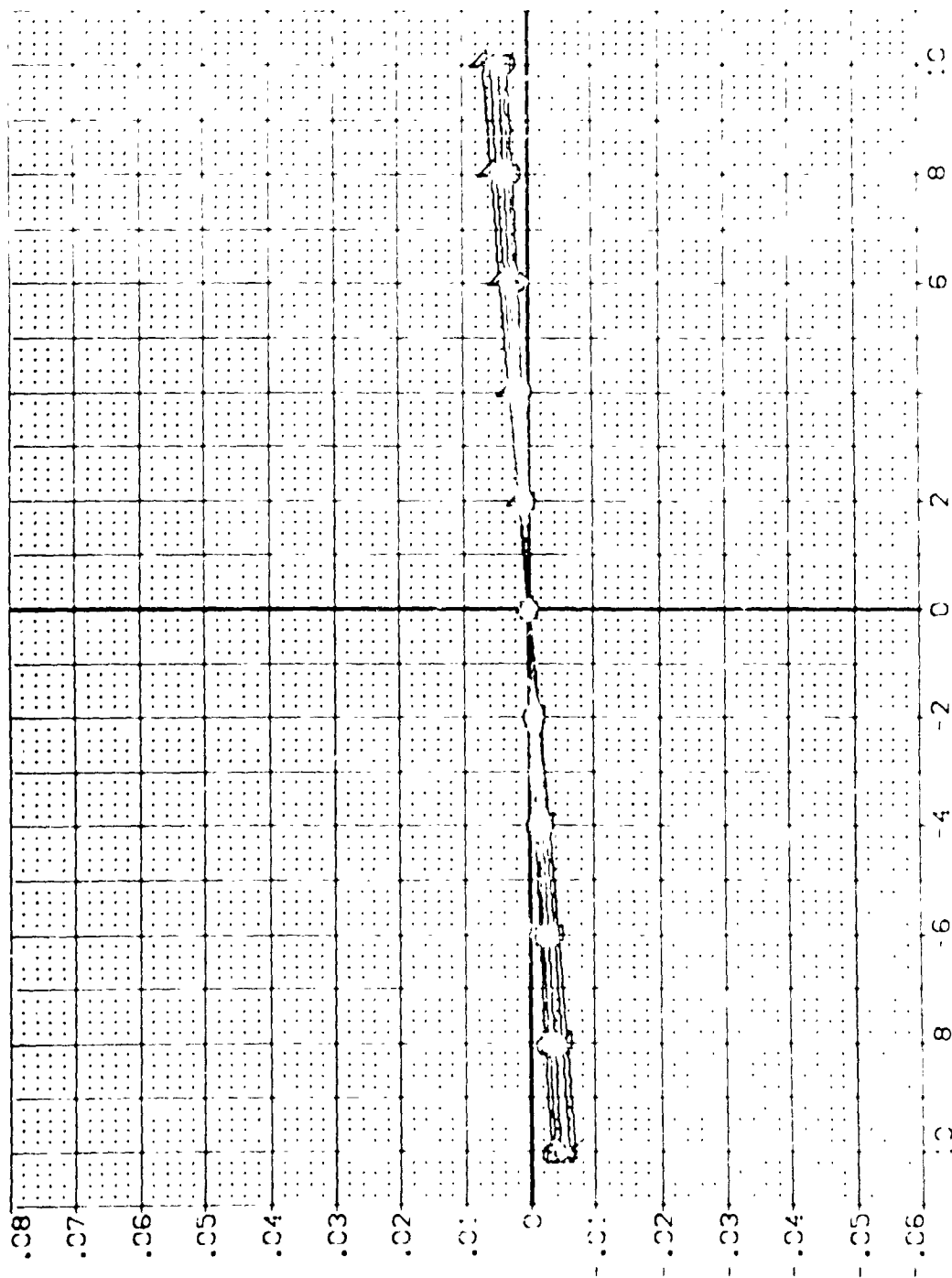


FIG 84 LATERAL-DIRECTIONAL STABILITY, BODY ALONE

CALVAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOLAP	ELEVON	AIRLON	REFERENCE INFORMATION
(R02444)	DA628 B26C9 F8	0.00	-12.000			SREF 4.4119 SC.FT.
(R02445)	DA628 B26C9 F8	5.000	-12.000			LREF 19.2799 NC-FS
(R02446)	DA628 B26C9 F8	10.000	-12.000			BREF 37.9359 NC-FS
(R02447)	DA628 B26C9 F8	15.000	-12.000			XMRP 43.5974 NC-FS
(R02448)	DA628 B26C9 F8	20.000	-12.000			YMRP .0000 NC-FS
						ZMRP 15.1875 NC-FS
						SCALE .0405 SCALE

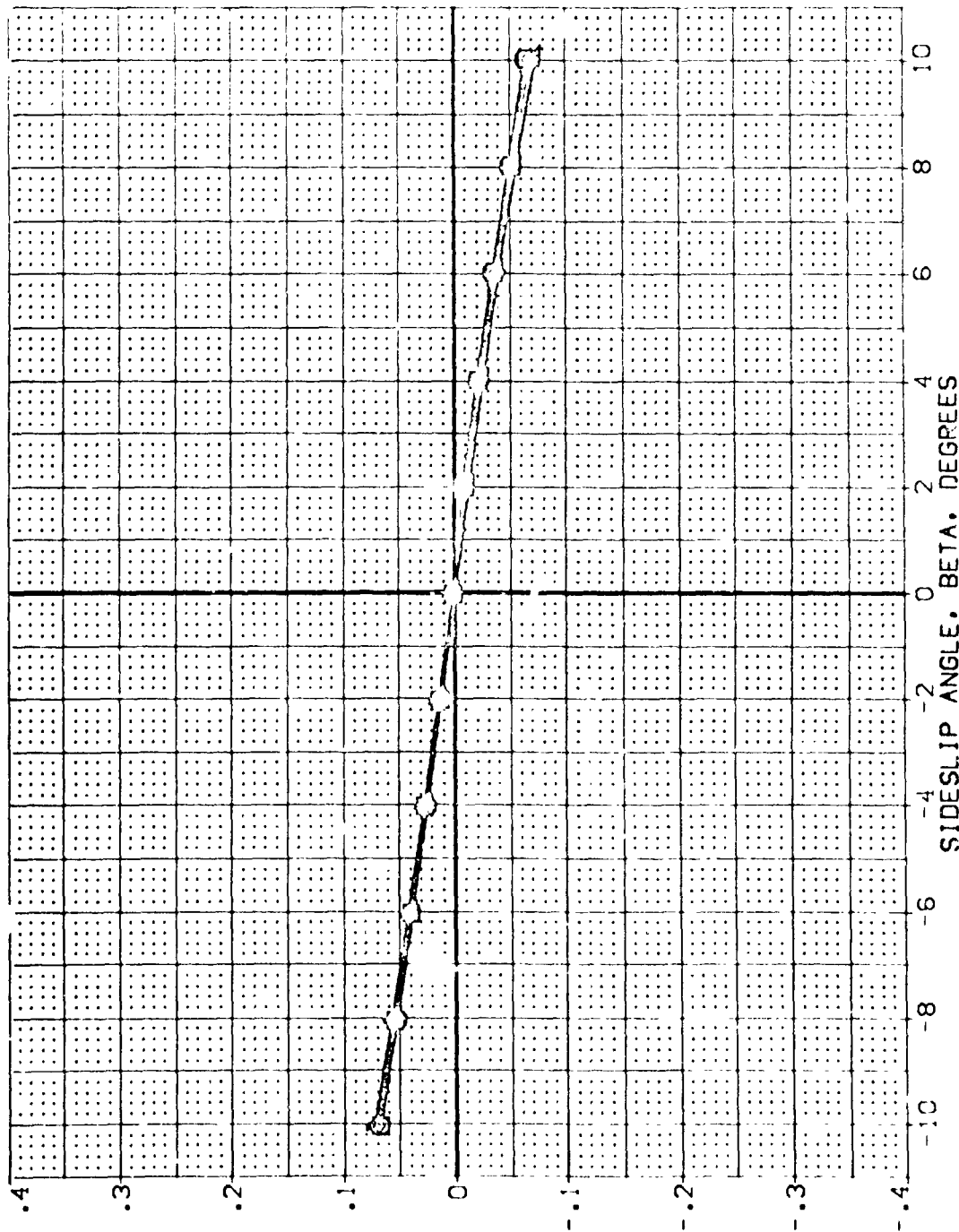


FIG 84 LATERAL-DIRECTIONAL STABILITY, BODY ALONE

(A)MACH = .20

SYMBOL
O

BOFLAP
-12.000

MACH

PARAMETRIC VALUES
.200

0A62B B26C9 F8

X9

(CDZ444)

REFERENCE INFORMATION
SCALE 4.4119
LPRF 19.2268
BPRF 37.9359
XPRF 43.5974
YPRF .0000
ZPRF 15.1875
SCALE .0405

YAWING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CYNBET, PER DEGREE

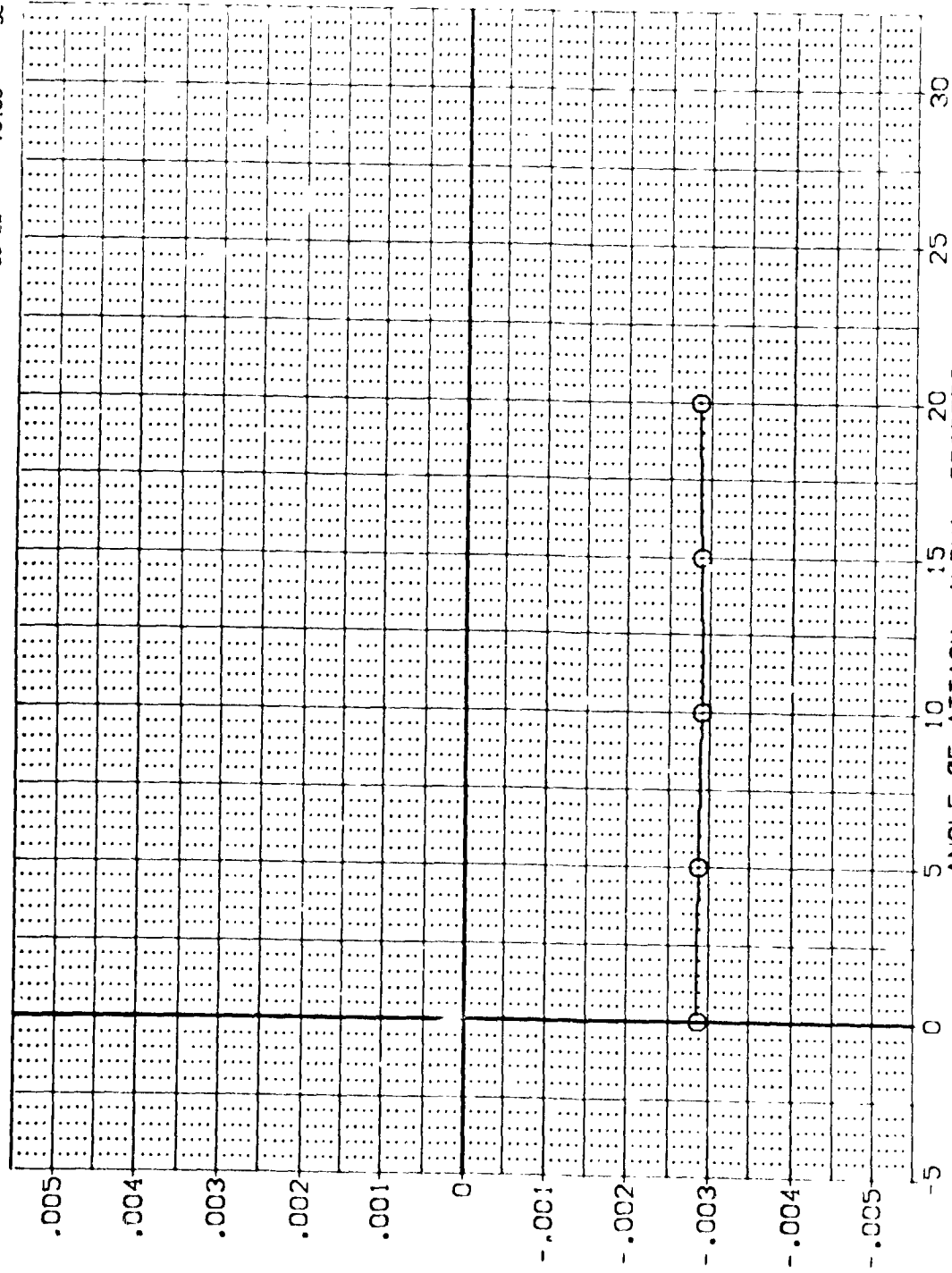


FIG 84 LATERAL-DIRECTIONAL STABILITY, BODY ALONE

(CDZ444)

X9

F8

0A62B B26C9

SYMBOL \bigcirc BDFLAP -12.000 MACH .200 PARAMETRIC VALUES

REFERENCE INFORMATION

SREF	4.4119	SCALE
LREF	19.2263	SCALE
BREF	37.9369	SCALE
XREF	43.5574	SCALE
YREF	.0000	SCALE
ZREF	15.1875	SCALE

ROLLING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CBLBET, PER DEGREE

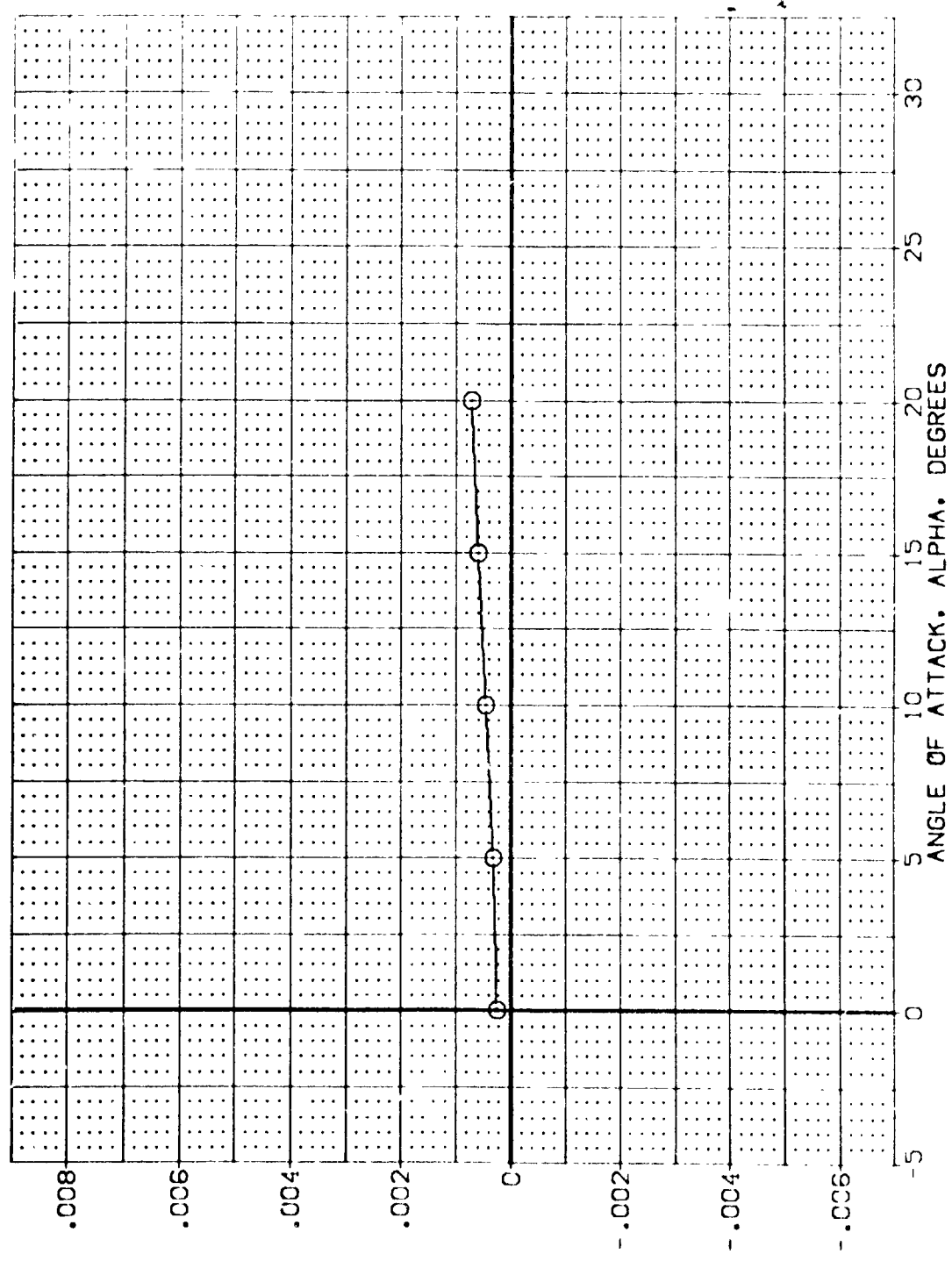


FIG 84 LATERAL-DIRECTIONAL STABILITY, BODY ALONE

(CDZ444)

X9

F8

0A62B B26C9

SYMBOL
O

BOELAP
-12.000

MACH

PARAMETRIC VALUES
.200

REFERENCE INFORMATION
SREF 4.4119
LREF 19.2298
BREF 37.9258
XREF 43.5974
YREF .0000
ZREF 15.1875
SCALE .0405

SIDE FORCE COEFFICIENT DERIVATIVE WITH BETA, CYBETA, PER DEGREE

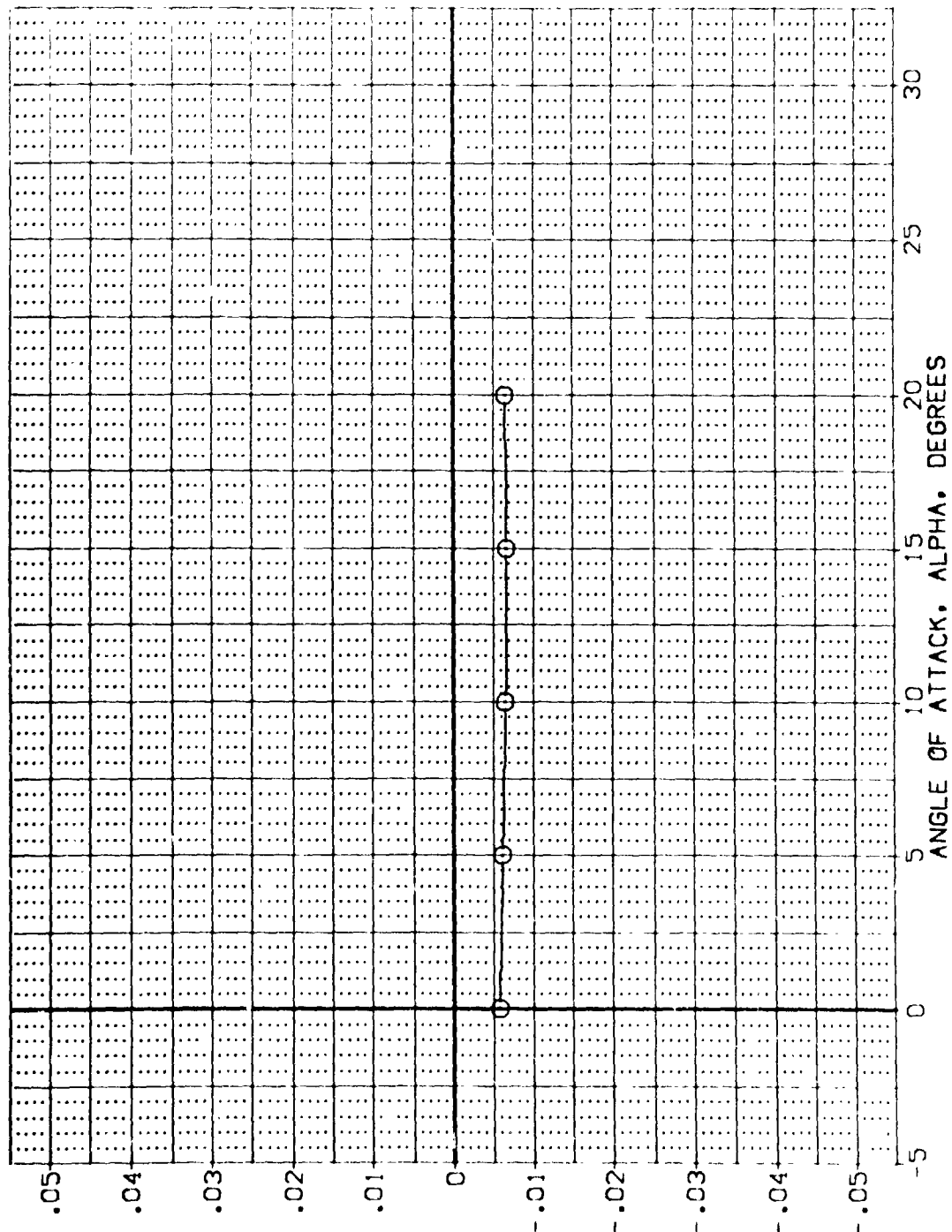


FIG 84 LATERAL-DIRECTIONAL STABILITY, BODY ALONE

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		REFERENCE INFORMATION	
(802227)	Q	QAS28	B26CS	M7F8	V116E28V8PSX9
(802228)	Q	QAS28	B26CS	M7F8	V116E28V8PSX9
		ELEVON	SPDBK	BOFLAP	RUDDER
		-5.000	.000	-12.000	.000
		.000	.000	-12.000	.000
		REFERENCE INFORMATION			
		SREF	4.4119	SQ.F.	
		LREF	19.2298	INC.F.	
		PREF	37.9359	INC.F.	
		AMRP	43.5974	INC.F.	
		YMRP	.0000	INC.F.	
		ZMRP	15.1875	INC.F.	
		SCALE	.0405	SCALE	

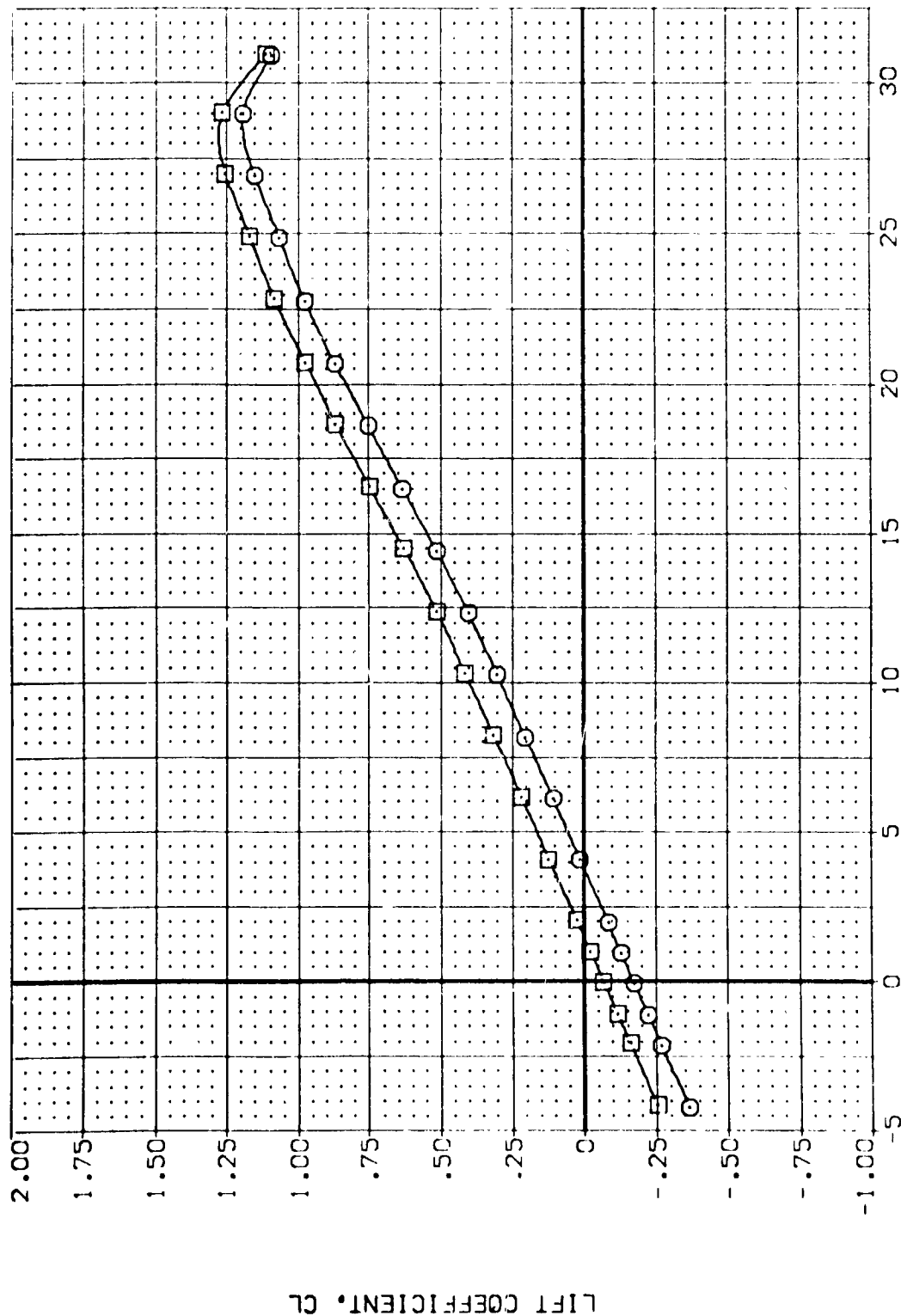


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

(A)WACH = .20

DATA SET SYMBOL: 1807277, 1807278
 CONFIGURATION DESCRIPTION: M7F8 V11GE28V85X9, M7F8 V11GE28V85X9
 ELEVON: -5.000, .000
 SPOILER: .000, .000
 BOFLAP: -12.000, -12.000
 RUDDER: .000, .000
 REFERENCE INFORMATION: SREF 4.119 SQ.FT., LREF 19.2789 INCHES, BREF 37.9359 INCHES, XMRP 43.5874 INCHES, YMRP 15.1875 INCHES, SCALE .0403

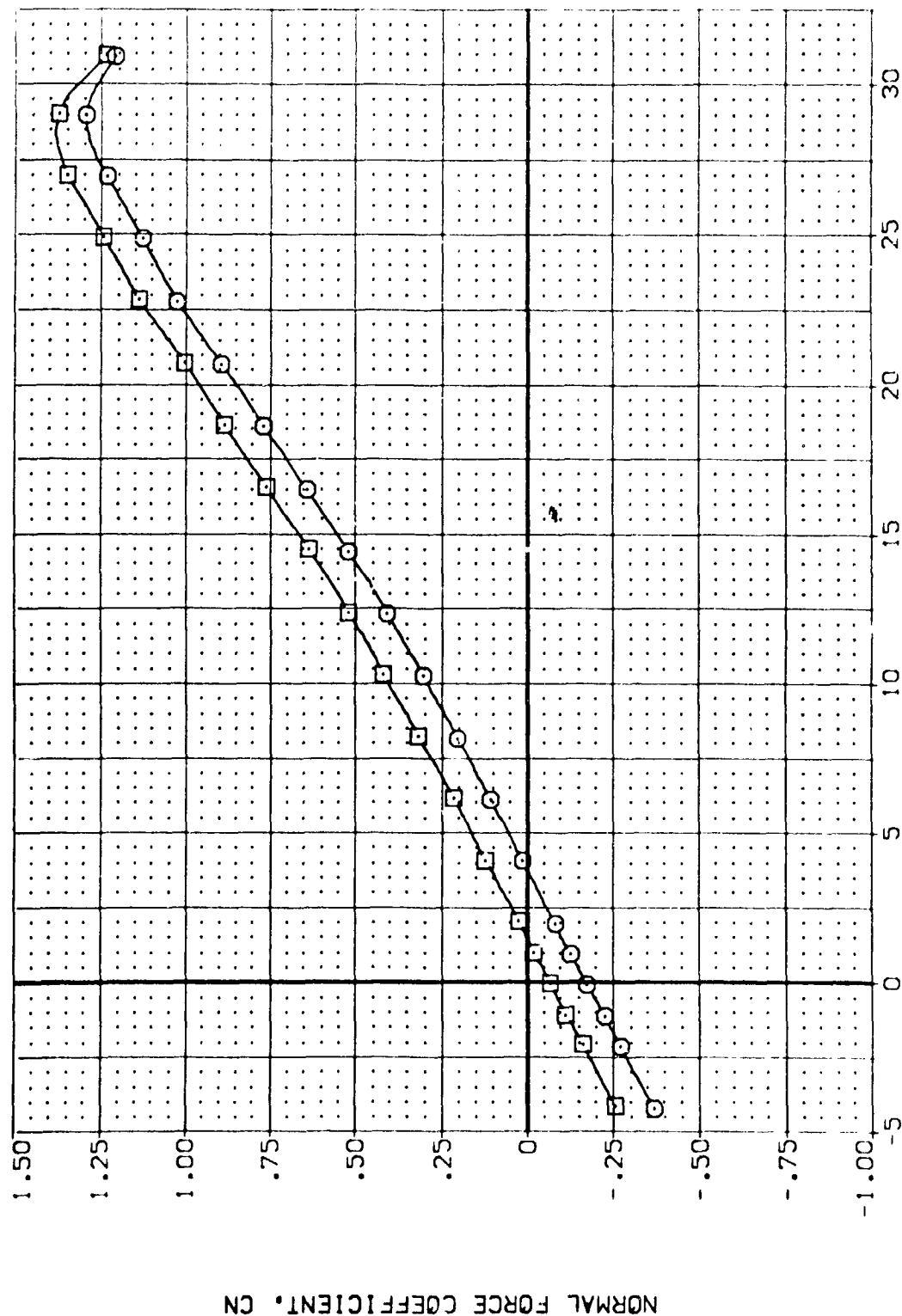


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

(MACH = .20)

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (8072271) 01628 826C9 M7F8 V116E28V8F5X9
 (8072281) 01628 826C9 M7F8 V116E28V8F5X9

ELEVON SPOILER BOFLAP RUDDER
 -5.000 .000 -12.000 .000
 .000 .000 -12.000 .000
 REFERENCE INFORMATION
 SREF 4.4119 SC.F.T.
 LREF 19.2799 INCHES
 BREF 37.9359 INCHES
 XMRP 43.5974 INCHES
 YMRP .0000 INCHES
 ZMRP 15.1875 INCHES
 SCALE .0405 INCHES

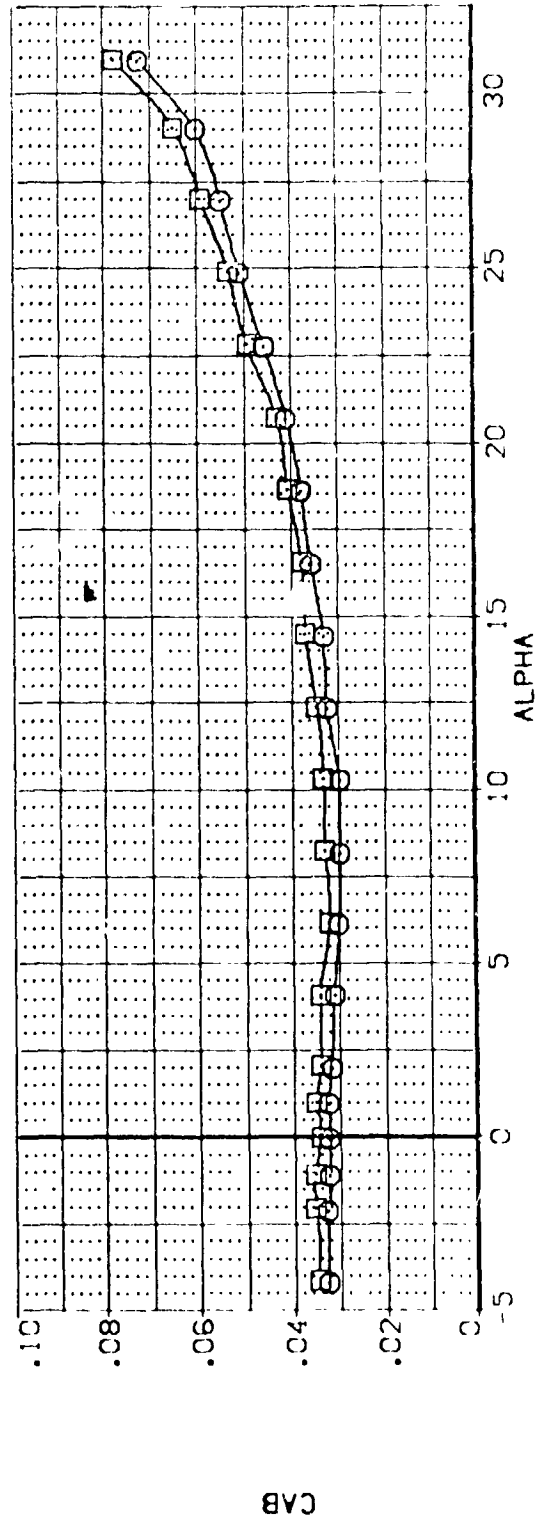
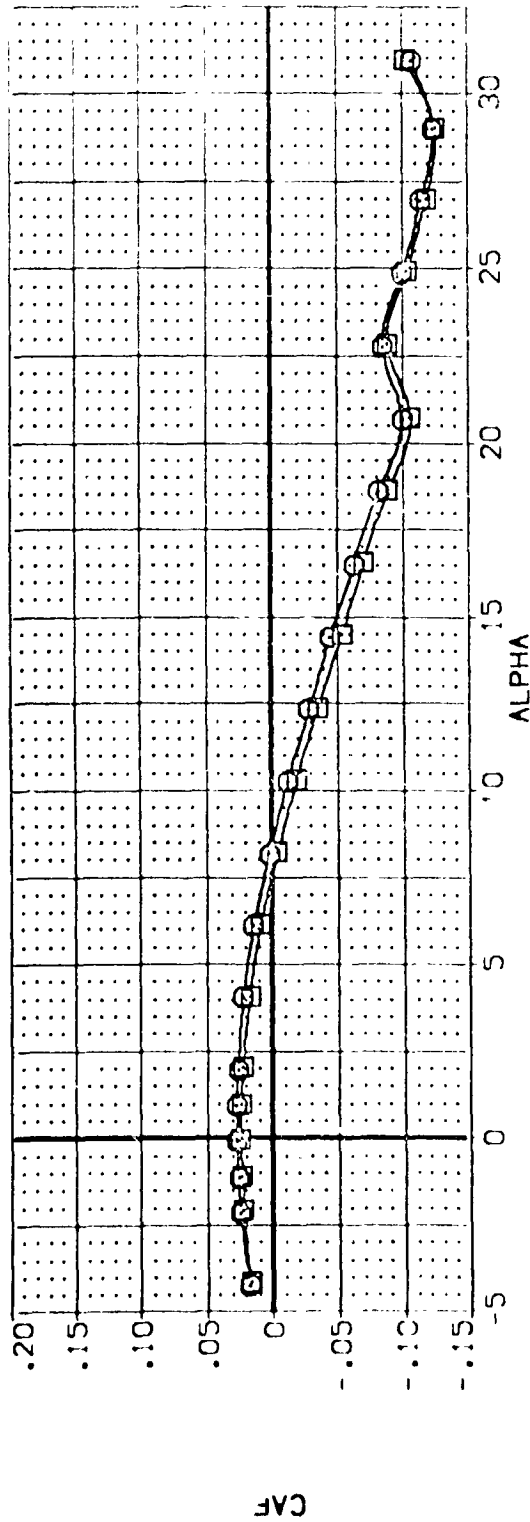


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

CADVAC = .20

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELEVON		SPDBRK		BOFLAP		RUDDER		REFERENCE INFORMATION	
(BD2277)	□	04628	826C9	M7F8	V116E28V8RSX9	-5.000	.000	.000	-12.000	.000	.000	SREF	4.4118
(BD2278)	□	04628	826C9	M7F8	V116E28V8RSX9	.000	.000	.000	-12.000	.000	.000	LREF	19.2759
												BREF	37.9359
												XMRP	43.5514
												YMRP	.0000
												ZMRP	15.1875
												SCALE	.0405
													SCALES
													SCALES
													SCALES

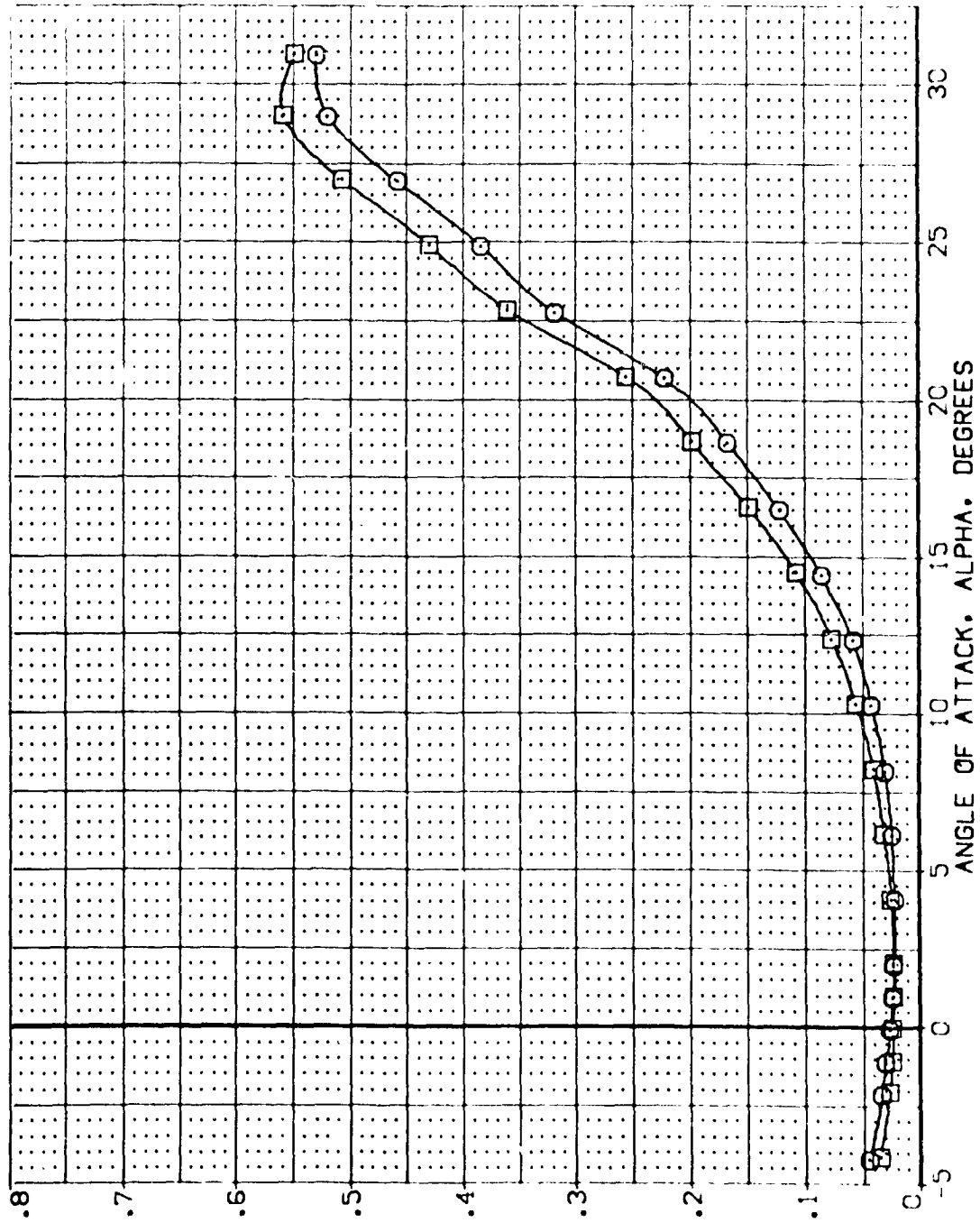


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

CASMAC = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B07277) D 04528 B26C9 M7F8 V116E28V8F5X9
 (B07278) D 04528 B26C9 M7F8 V116E28V8F5X9

ELEVON SPOBRK BOFLAP RUDDER REFERENCE INFORMATION
 -5.000 .000 -12.000 .000 4.4119 SC.F.T.
 .000 .000 -12.000 .000 19.2799 SC.F.T.
 .000 .000 -12.000 .000 37.9359 SC.F.T.
 .000 .000 -12.000 .000 43.5974 SC.F.T.
 .000 .000 -12.000 .000 .000 SC.F.T.
 .000 .000 -12.000 .000 15.1875 SC.F.T.
 .000 .000 -12.000 .000 .000 SC.F.T.

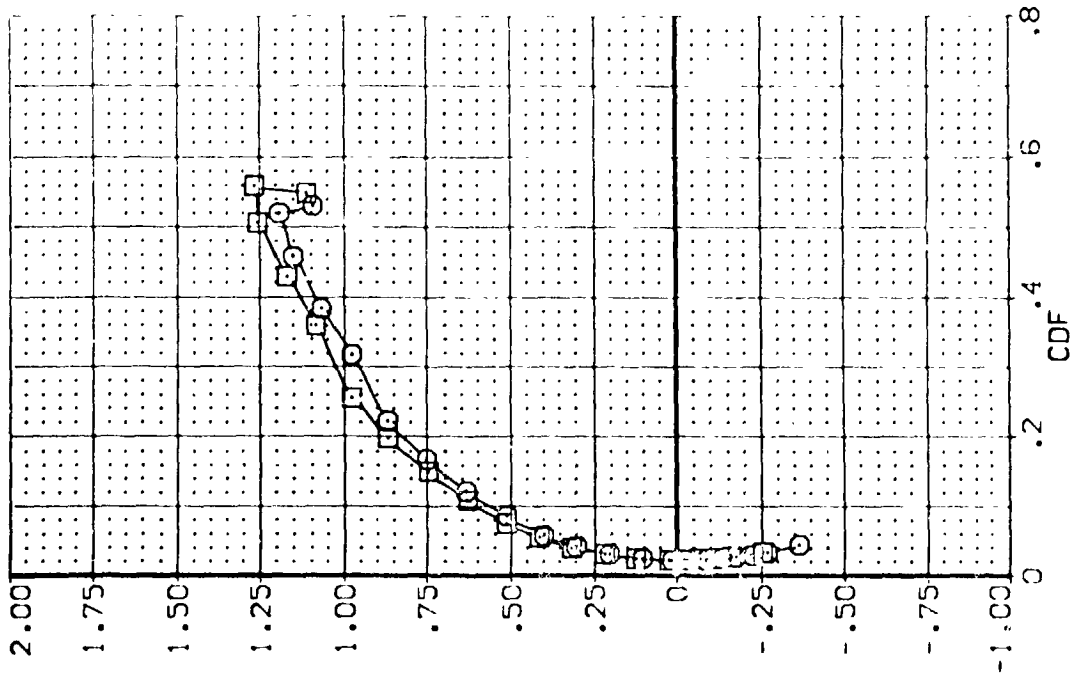
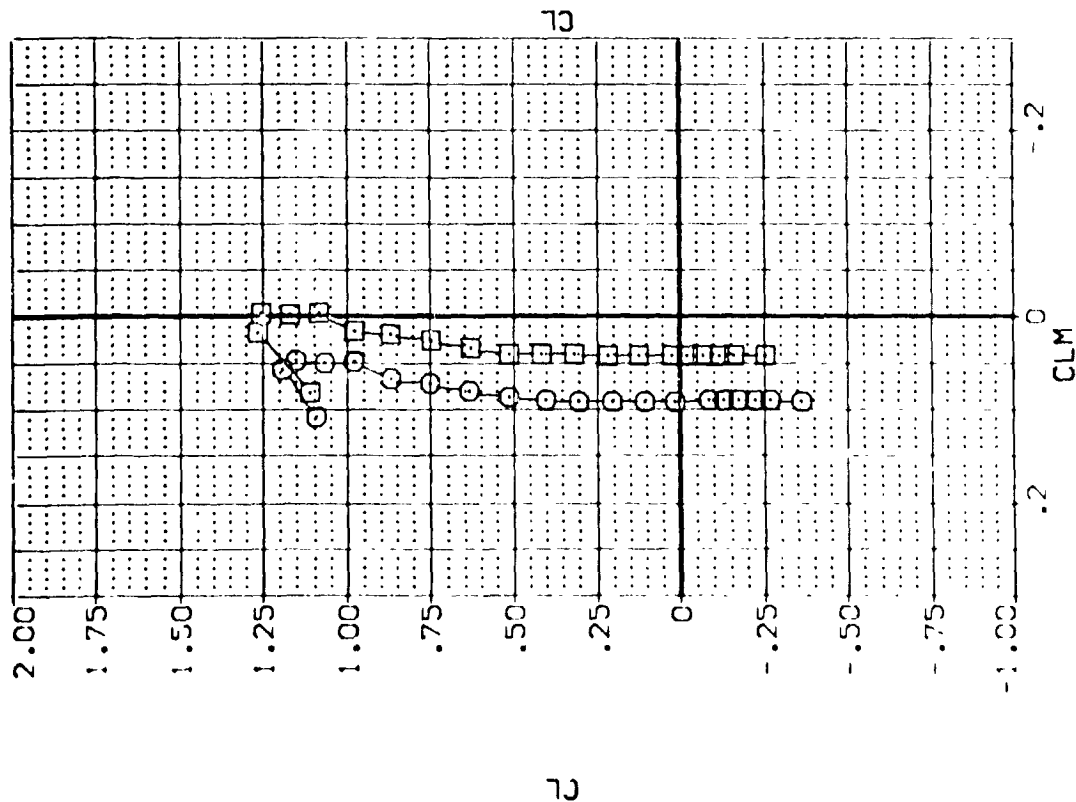


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

CADMAC = .20

DATA SET SYMBOL: (BC2277) (BC2278)

CONFIGURATION: QAG2B B26C9 QAG2B B26C9

DESCRIPTION: W/F 8 V116E28V8F5X9 W/F 8 V116E28V8F5X9

ELEVON: -5.000 .000

SPODBK: .000 .000

BOFLAP: -12.000 -12.000

RUDDER: .000 .000

REFERENCE INFORMATION:

SREF: 4.419 SQ.FT

LRFE: 19.7799 INCHES

BRFE: 37.5359 INCHES

XREF: 43.5974 INCHES

YREF: .0000 INCHES

ZREF: 15.1875 INCHES

SCALE: .0105 INCHES

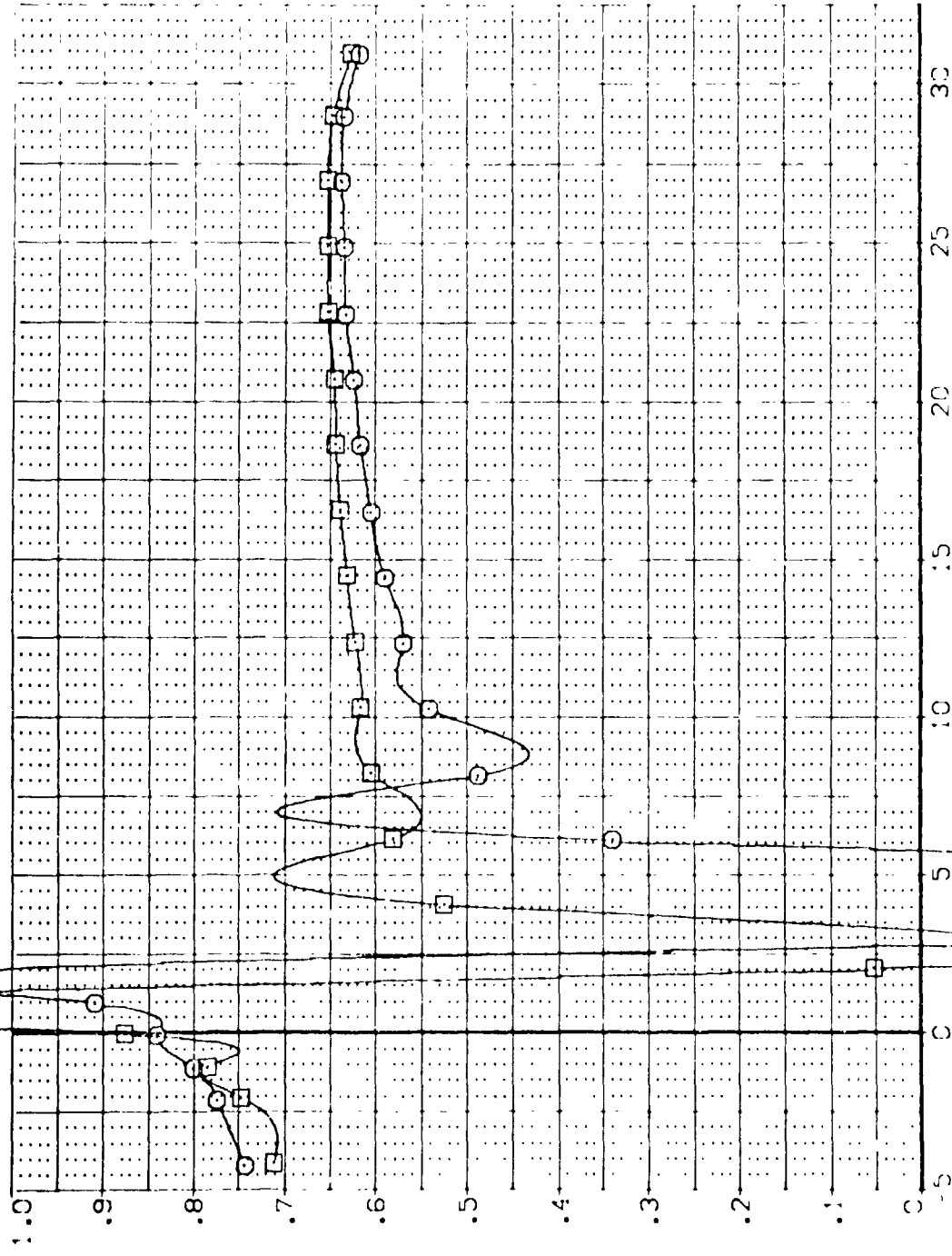


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

(A)MAG = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	REFERENCE INFORMATION
[BC2277]	QAS28 B26C9 M7E 8 V116E28V8PSX9	SRF 4.4119 SCALE
[BC2278]	QAS28 B26C9 M7E 8 V116E28V8PSX9	LDL 19.2799 SCALE
		BRF 37.9359 SCALE
		X400 43.5874 SCALE
		X400 43.5874 SCALE
		Z400 15.1875 SCALE
		SCALE .0405

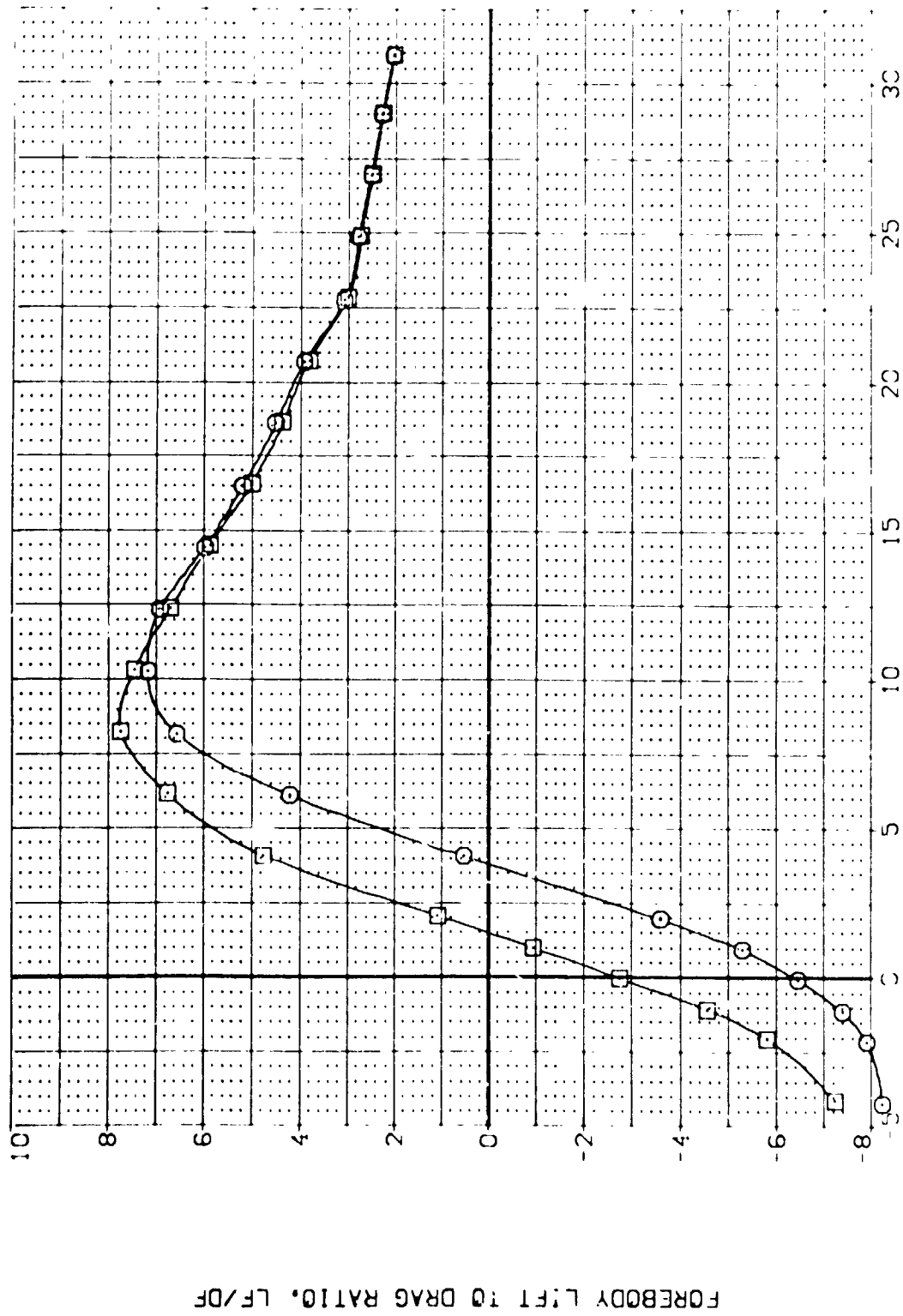


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

CASVAC- .20

0A62B 026C9 M7F8 W116E28V8R5X9 (EDZ227)
 SYMBOL ○
 ALPHA .000
 PARAMETRIC VALUES
 MAGH .200 BOFLAP .000 RUDER .000 BETA .000
 AILRON .000
 SPDRK .000
 DATA SOURCE
 DELVON -5.000
 DATASET EDZ227
 DELVON .000
 DATASET EDZ228
 REFERENCE INFORMATION
 SREF 4.4119
 LREF 19.2799
 EXREF 37.9359
 XMRP 43.5654
 YMRP .0000
 ZMRP 15.1675
 SCALE .0405
 SCALE .0405
 SCALE .0405
 SCALE .0405
 SCALE .0405
 SCALE .0405

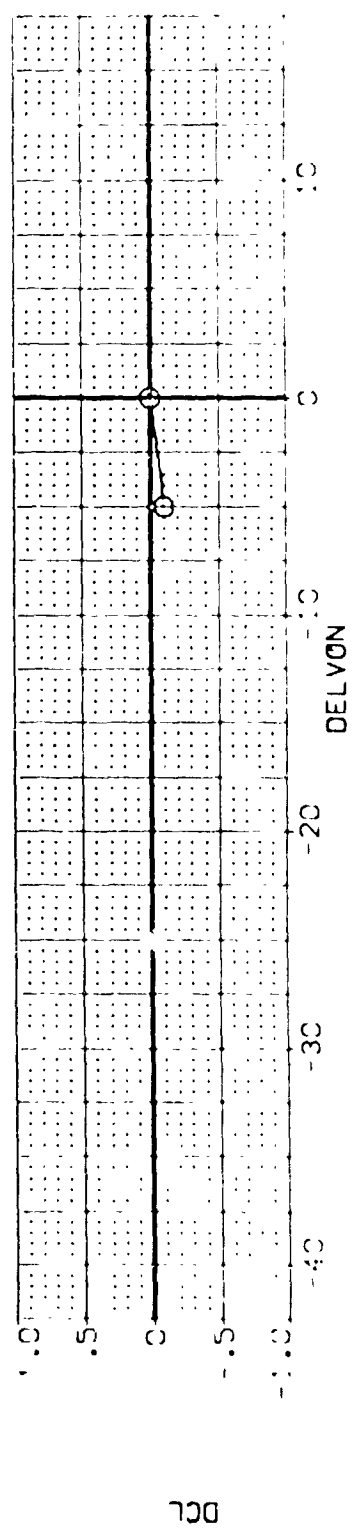
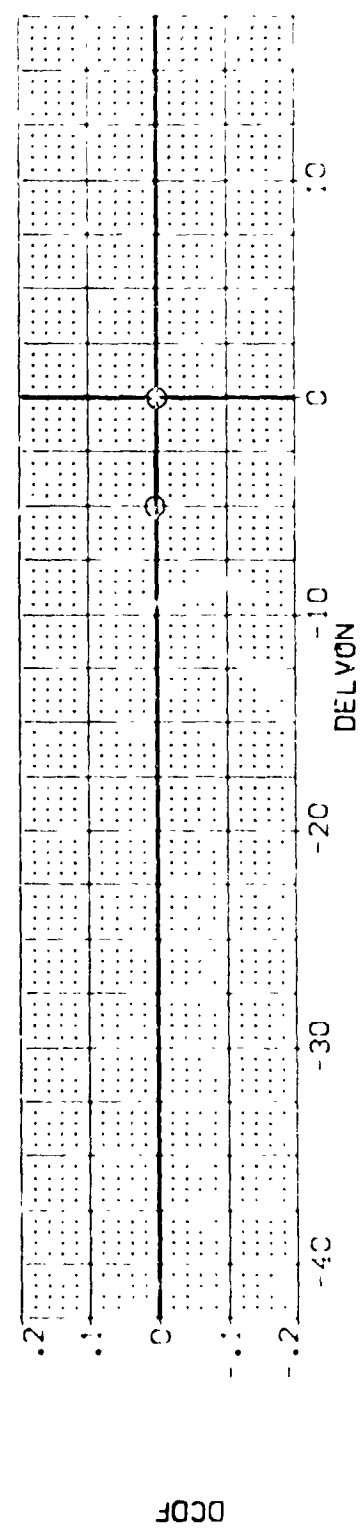
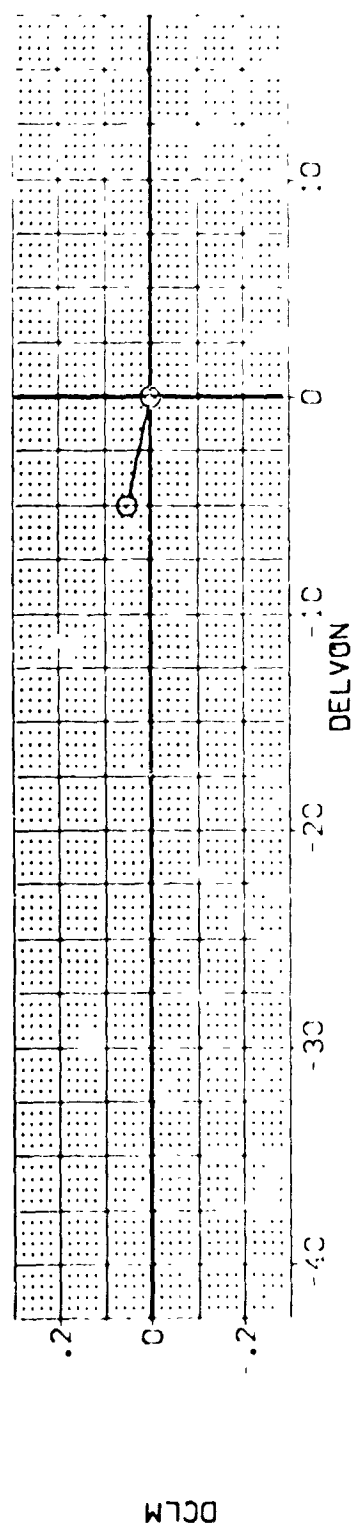


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

CA623 326C9 W7F8 W116E28V8R5X9 (ECZ227)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES			DATA SOURCE			REFERENCE INFORMATION		
○	5.000	A1.00N	.200	BOLAP	-12.000	DATASET	DEL VON	SREF	4.4119	SC	1.00
		SP08PM	.000	RJODER	.000	EDZ227	.000	BR	19.2798	SC	1.00
			.000	BETA	.000			YMOD	37.9359	SC	1.00
								ZMOD	43.5872	SC	1.00
								SCALE	15.1815	SC	1.00

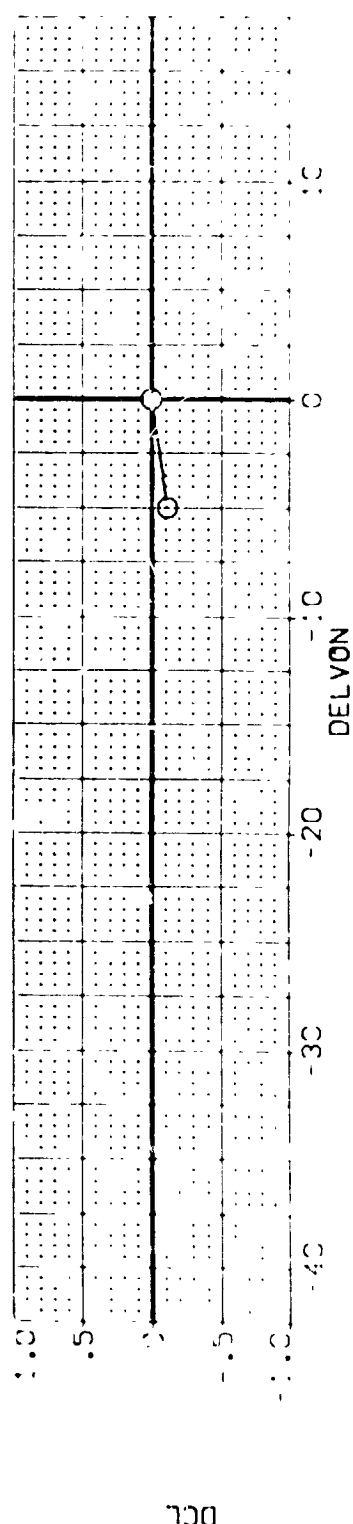
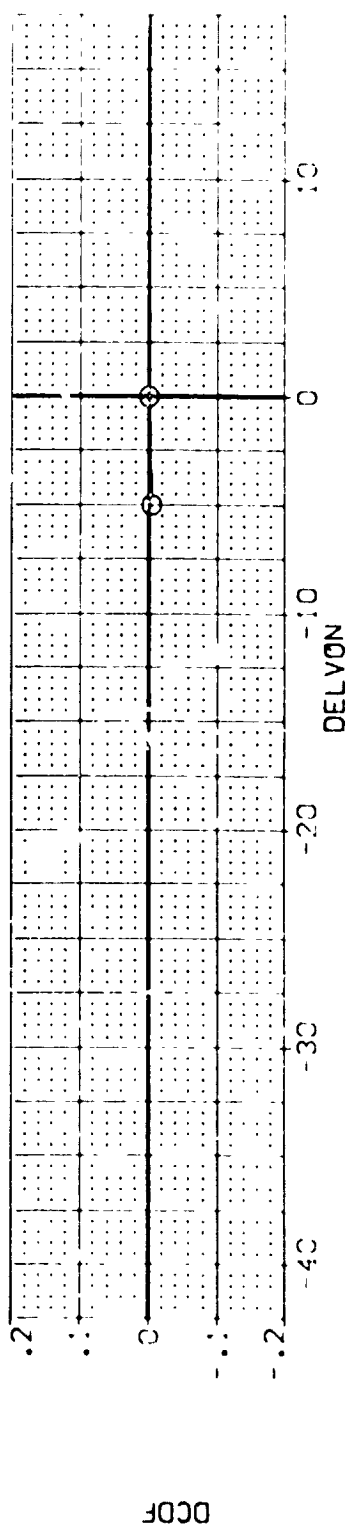
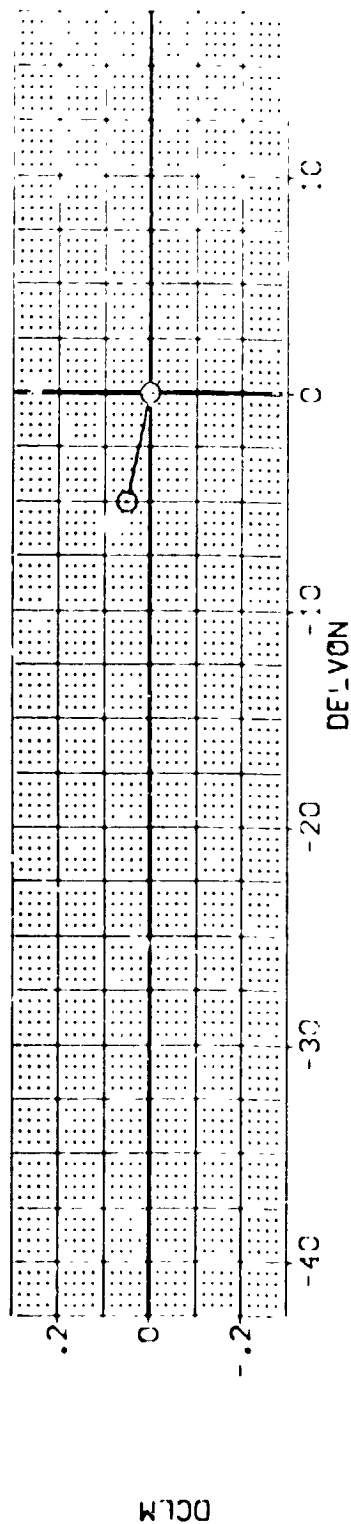


FIG 85 ELEVON EFFECTIVENESS, RUDDER = C, 0 DEG. FLARE

CAS28 B26C9 M7F8 W116E28V8R5X9 (EDZ227)
 SYMBOL ALPHA 10.000 MACH .200 BO LAP .000 RUDDER .000 BETA .000
 DATA SOURCE DELVON -5.000 DATASET EDZ227
 REFERENCE INFORMATION
 SC.FT. 4.4119
 LREF 19.2299
 BRKF 37.9359
 XMRP 43.5974
 YMRP .0000
 ZMRP 15.1875
 SCALE .0403

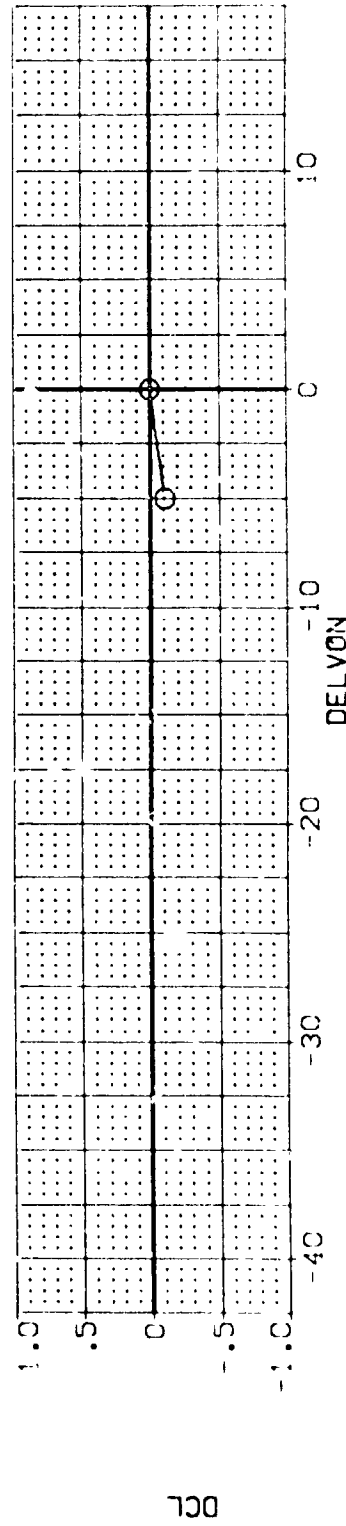
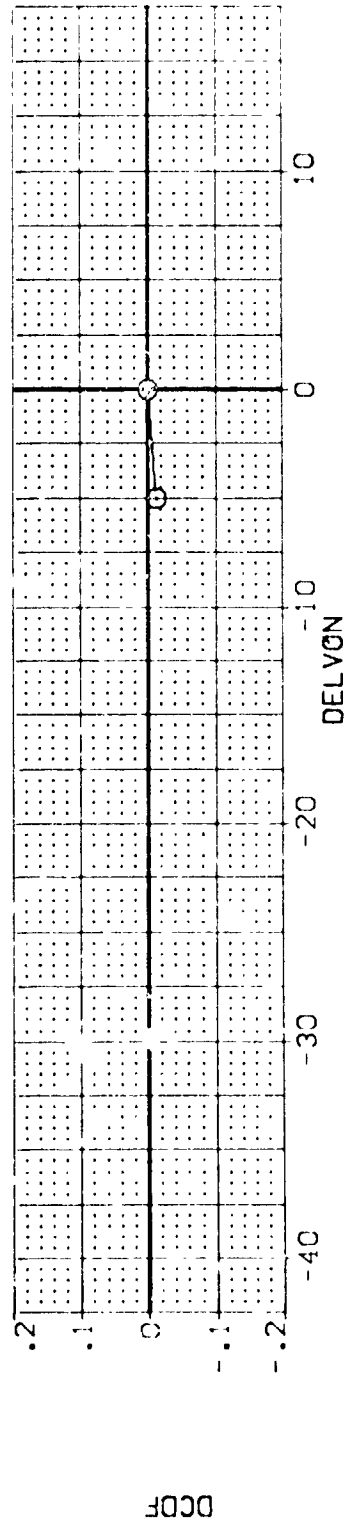
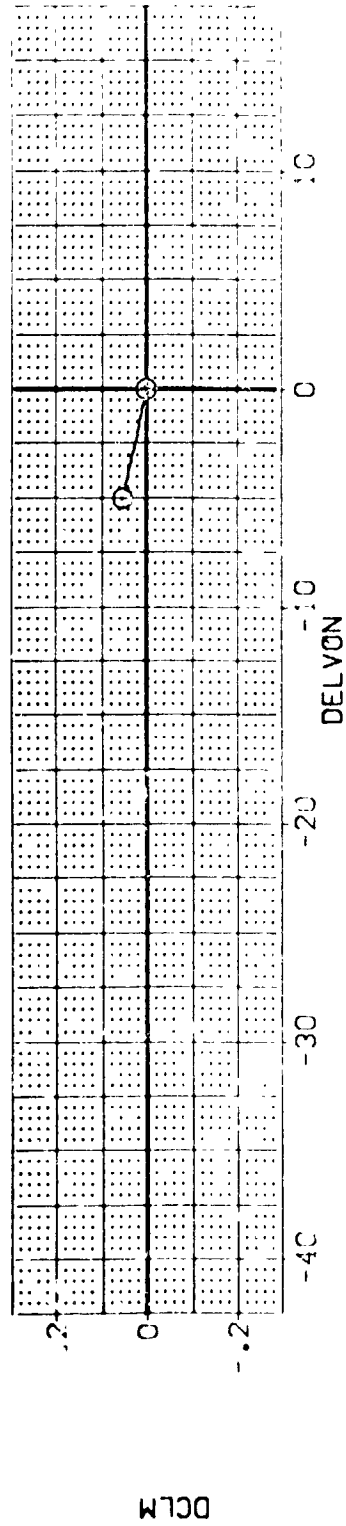


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

0A62B 826C3 M7F8 W116E28V8R5X9 (EDZ227)
 SYMBOL ALPHA 15.000 MACH .200 BOFLAP .000 RUDDER .000 BETA .000
 O ALCON SPOBRK
 DATA SOURCE DELVON EDZ227
 REFERENCE INFORMATION
 SPREF 4.4119 SCALE
 LREF 19.2299 NGLES
 BRP 37.9359 NGLES
 XMRP 43.5374 NGLES
 YMRP .0000 NGLES
 ZMRP 15.1875 NGLES
 SCALL .0105 SCALE

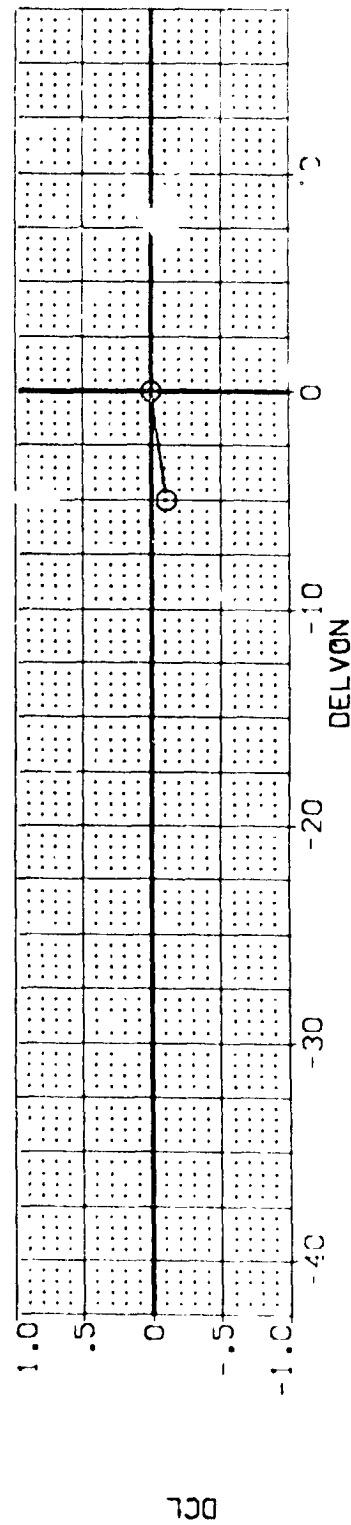
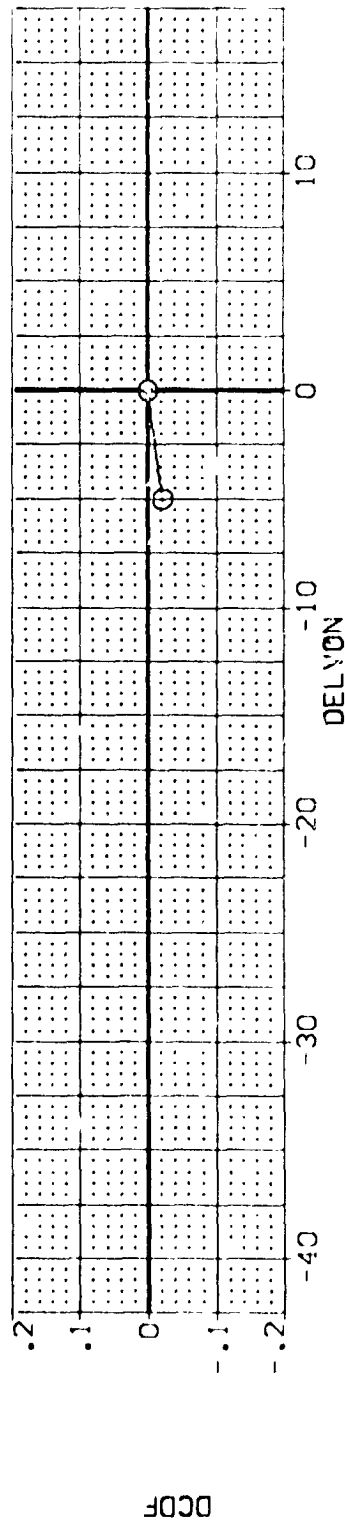
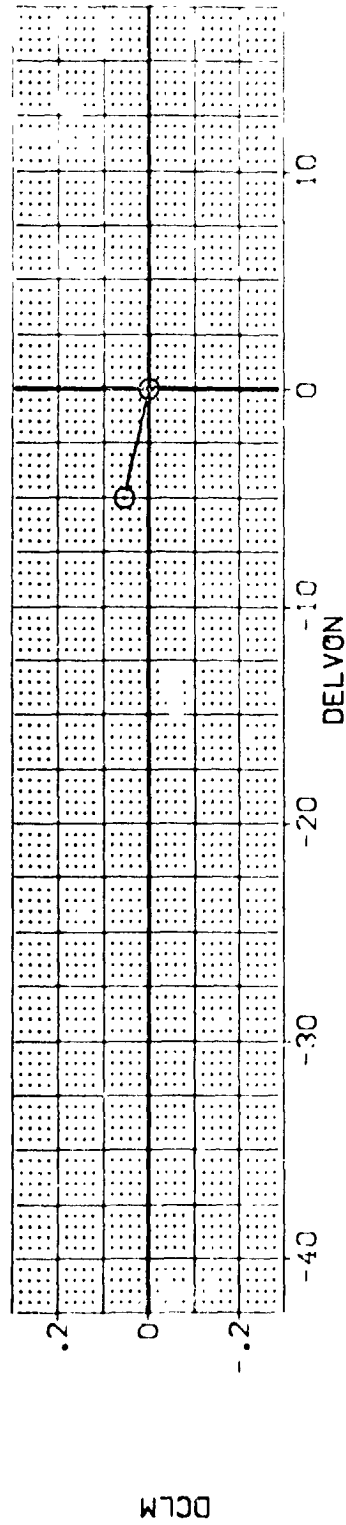


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

0A62B B26C9 M7F8 W116E28V8R5X9 (ED2227)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
○	20.000	A1LRON	.200	DELTON	SCREF
		SPDRK	.000	DELTON	LREF
			.000	ED2227	BREF
			.000		XMRP
					YMRP
					ZMRP
					SCALE
					SCALE

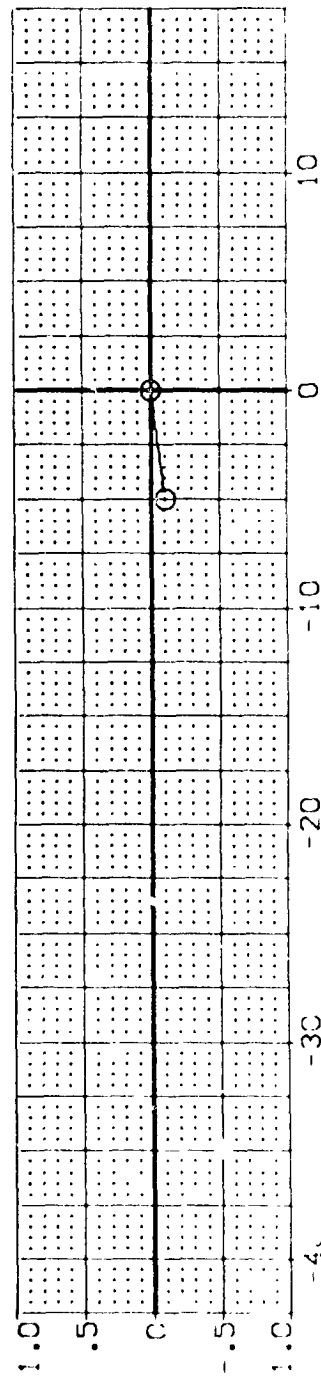
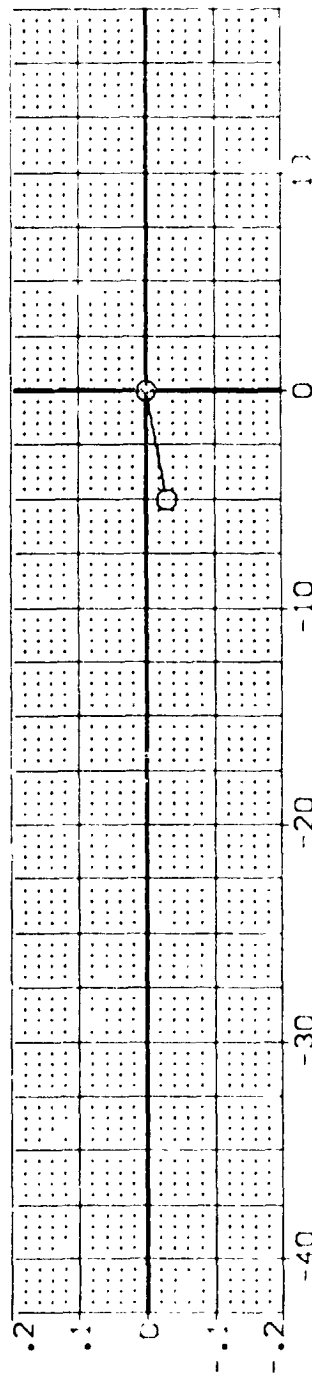
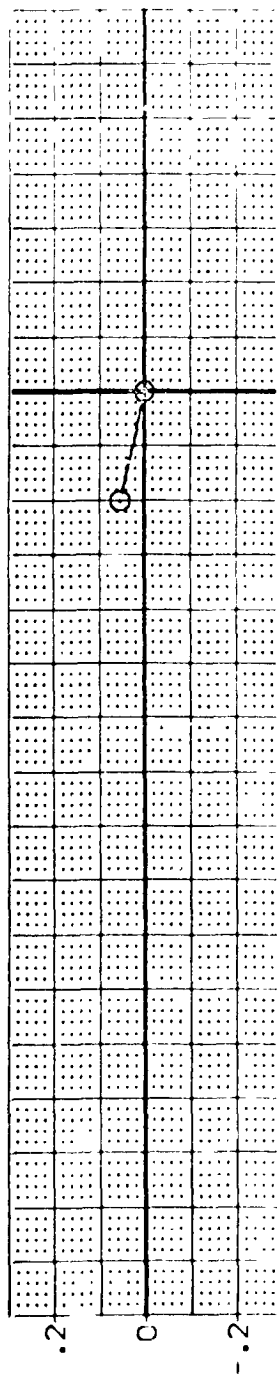


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

0A62B B26C9 M7F8 W116E28V8R5X9 (EDZ227)

PARAMETRIC VALUES				DATA SOURCE				REFERENCE INFORMATION			
SYMBOL	ALPHA	MACH	AILRON	BOFLAP	DATASET	DELTON	SREF	LREF	SC.F.	SCALE	
0	25.000	.000	.000	.000	EDZ227	-5.000	.000	19.2799	4.4119	104CS	
		.000	.000	.000	EDZ228	.000	.000	37.9359	104CS	104CS	
		.000	.000	.000				43.5974	104CS	104CS	
								15.1875	104CS	104CS	

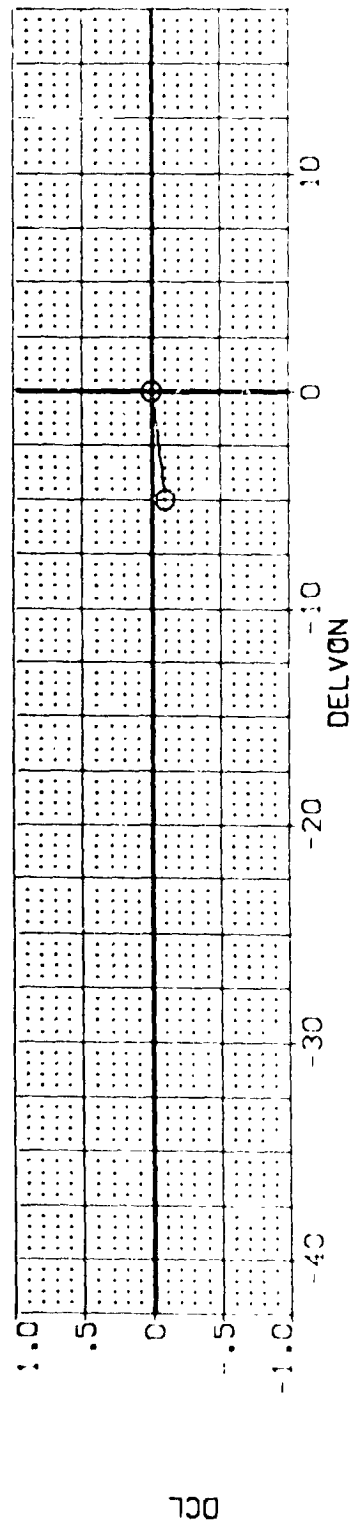
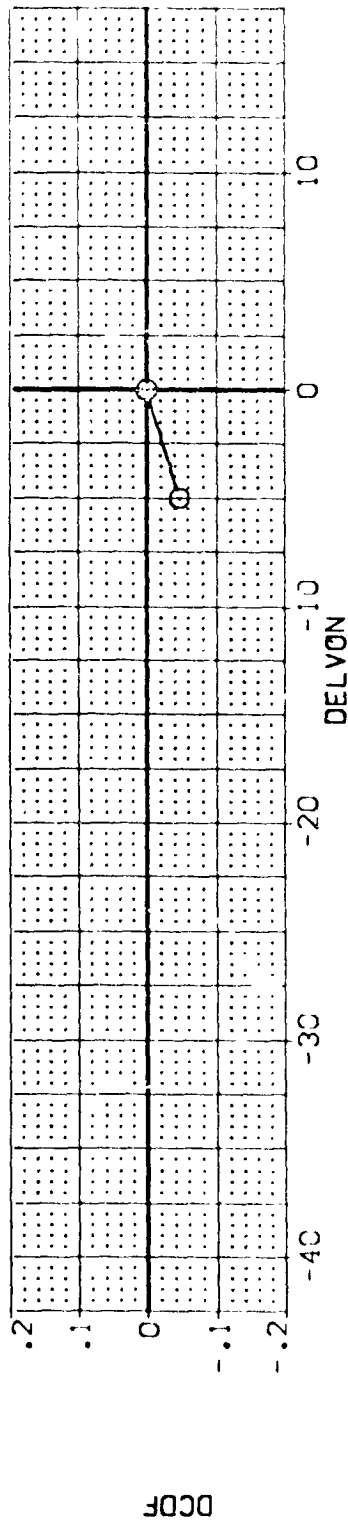
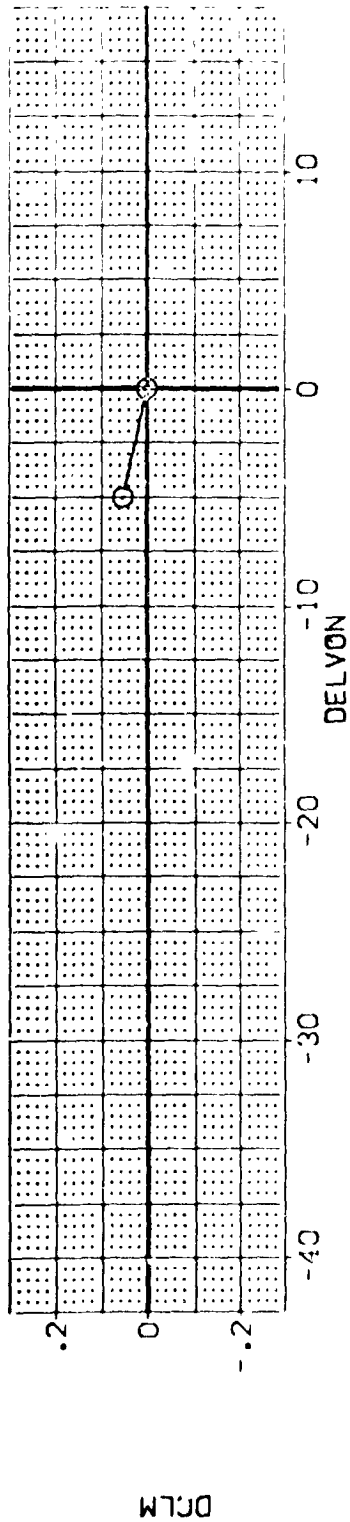


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

0A628 B26C9 M7F8 W116E28V8R5X9 (EDZ2277)
 SYMBOL ○
 ALPHA 30.000
 MACH .200
 AILRON .000
 SPOBRK .000
 PARAMETRIC VALUES
 BOFLAP -12.000
 RUDDER .000
 BETA .000
 DATA SOURCE
 DELVON -5.000
 DATASET EDZ227
 DATASET EDZ228
 DELVON .000
 SREF
 LREF
 BREF
 XMRP
 YMRP
 ZMRP
 SCALE
 REFERENCE INFORMATION
 SC.F. 4.4119
 SC.H. 19.2289
 SC.V. 37.9369
 SC.W. 43.5974
 SC.X. .0000
 SC.Y. 15.1875
 SC.Z. 10.0000

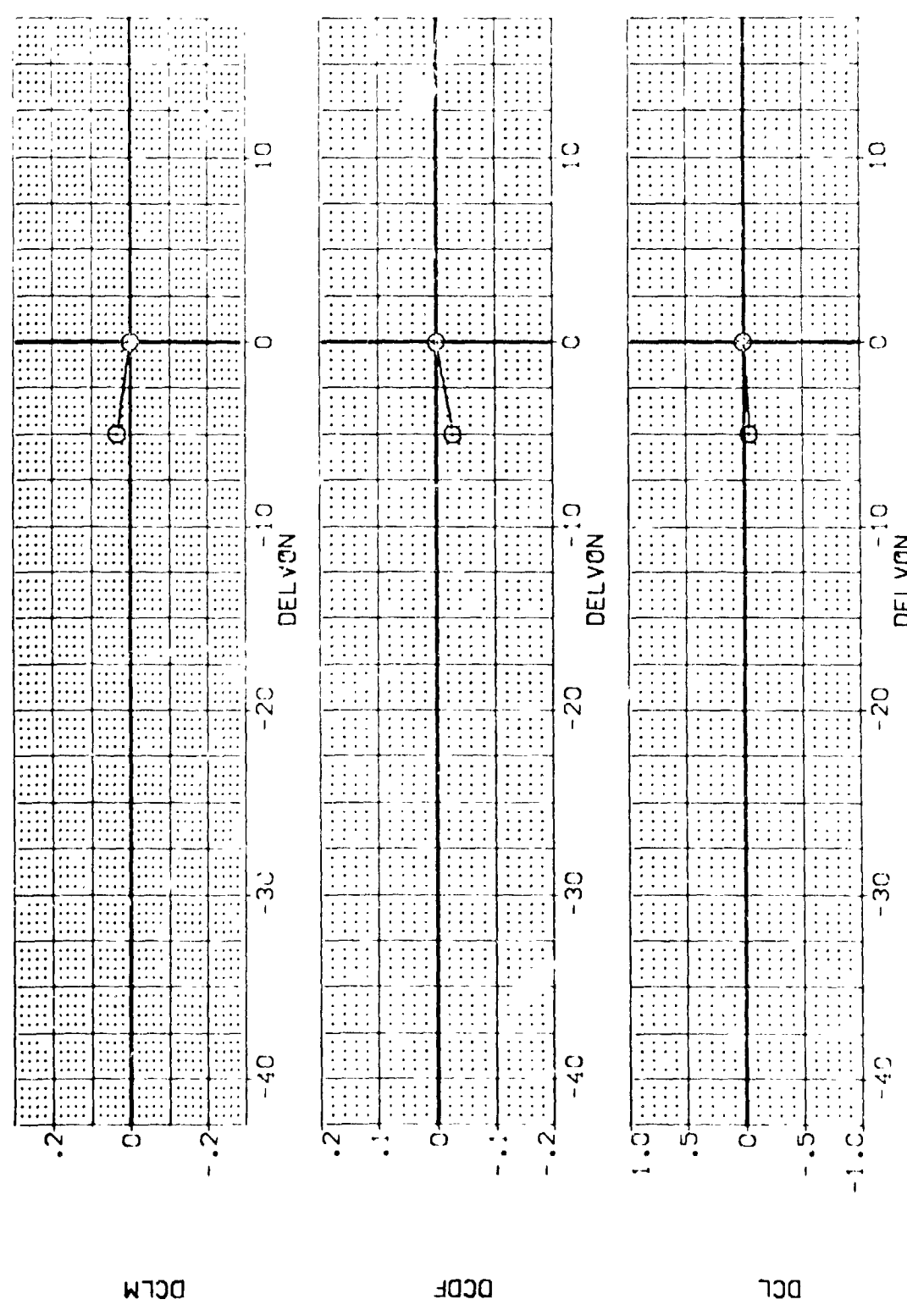


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES		DATA SOURCE		REFERENCE INFORMATION	
0	.000	AIRLON	.200	BDLAP	-12.000	DATASET	DELTON	SREF
		SPOBRK	.000	RUDDER	.000	EDZ227	.000	LREF
			.000	BETA				LRKE
								BRKE
								XRKE
								YRKE
								ZRKE
								SCALE
								4.4119
								19.2298
								37.9368
								43.5974
								.000
								15.1875
								.0405

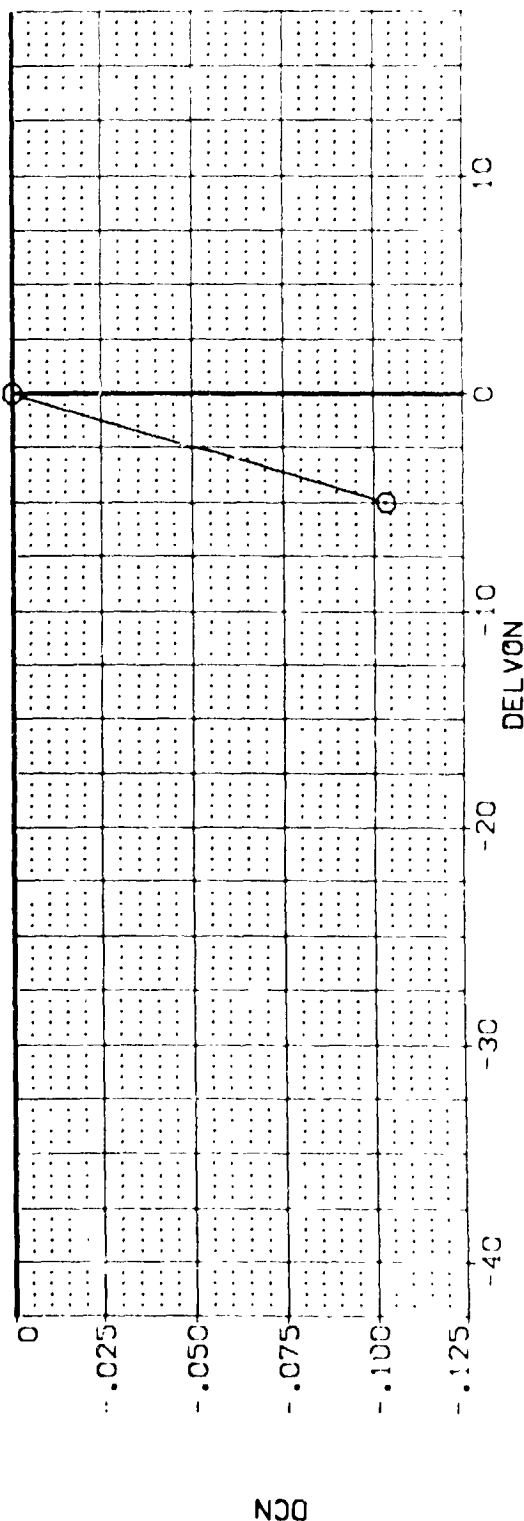
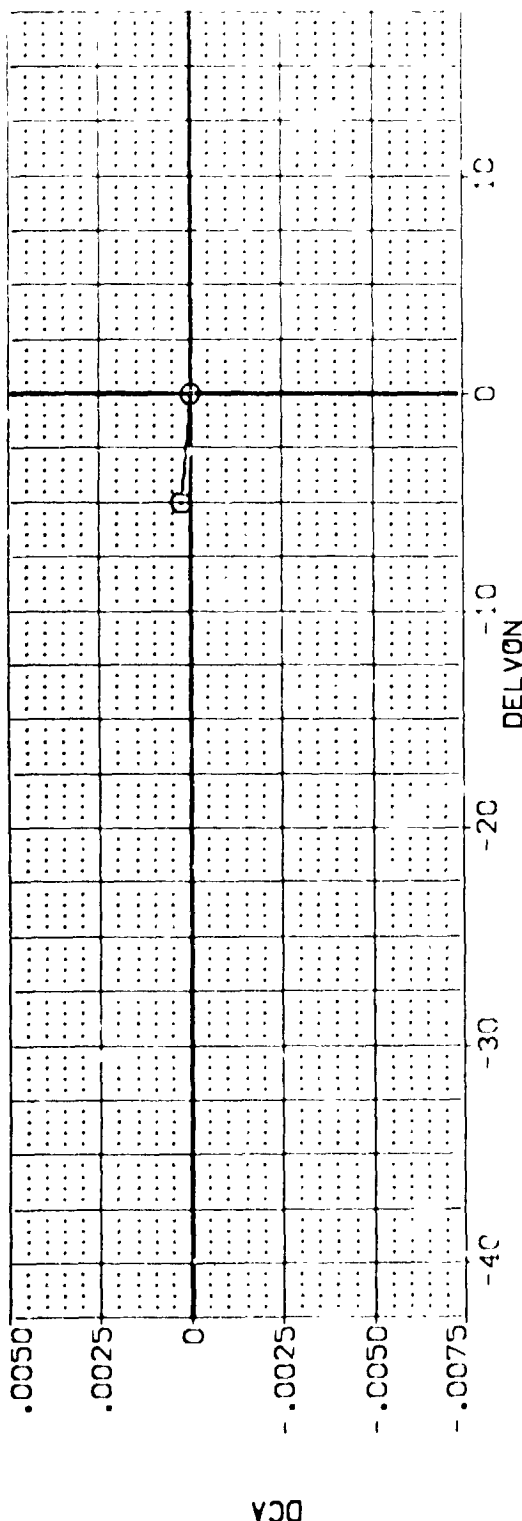


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

0A62B B26C9 M7F8 W116E28V8R5X9

(EDZ227)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES			DATA SOURCE			REFERENCE INFORMATION		
○	5.000	A1LRON	.200	BOCLAP	-12.000	DATASET	DELVN	SREF	4.4119	SC.FT.	SC.FT.
		SPOBRN	.000	R-DOER	.00	EDZ227	.000	LR.F	19.2289	NG+FS	NG+FS
			.000	BETA	.000			BR.F	37.9339	NG+FS	NG+FS
								YMRP	43.5874	NG+FS	NG+FS
								ZMRP	15.1875	NG+FS	NG+FS
								SCALE	.0405	SCALE	SCALE

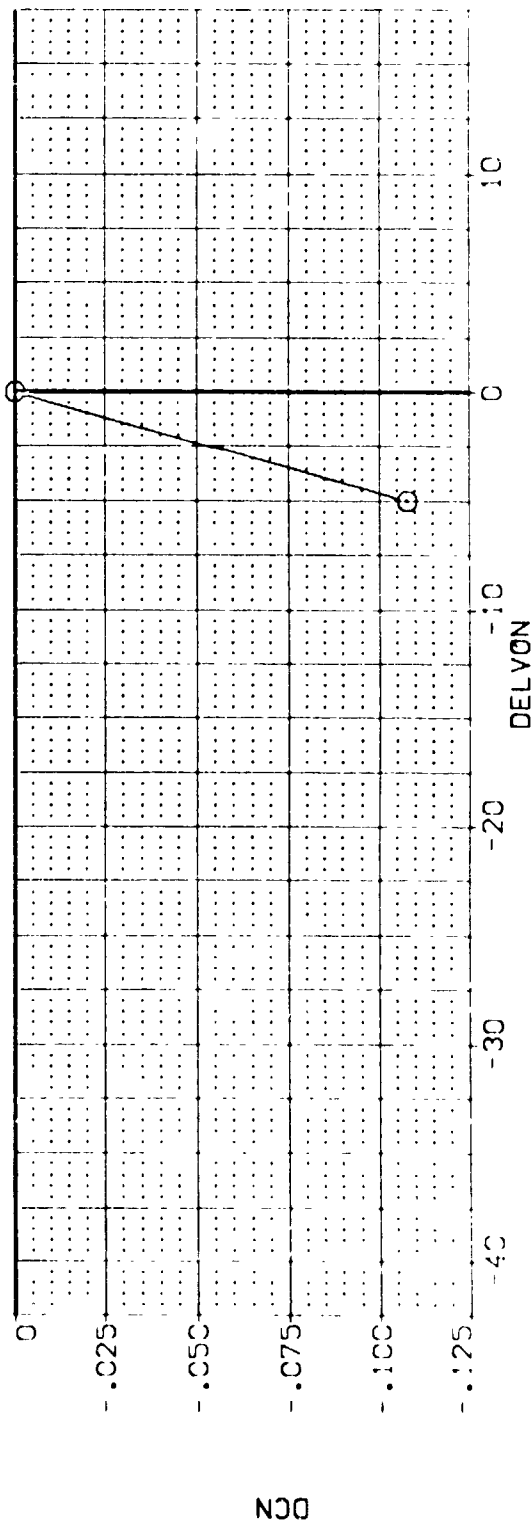
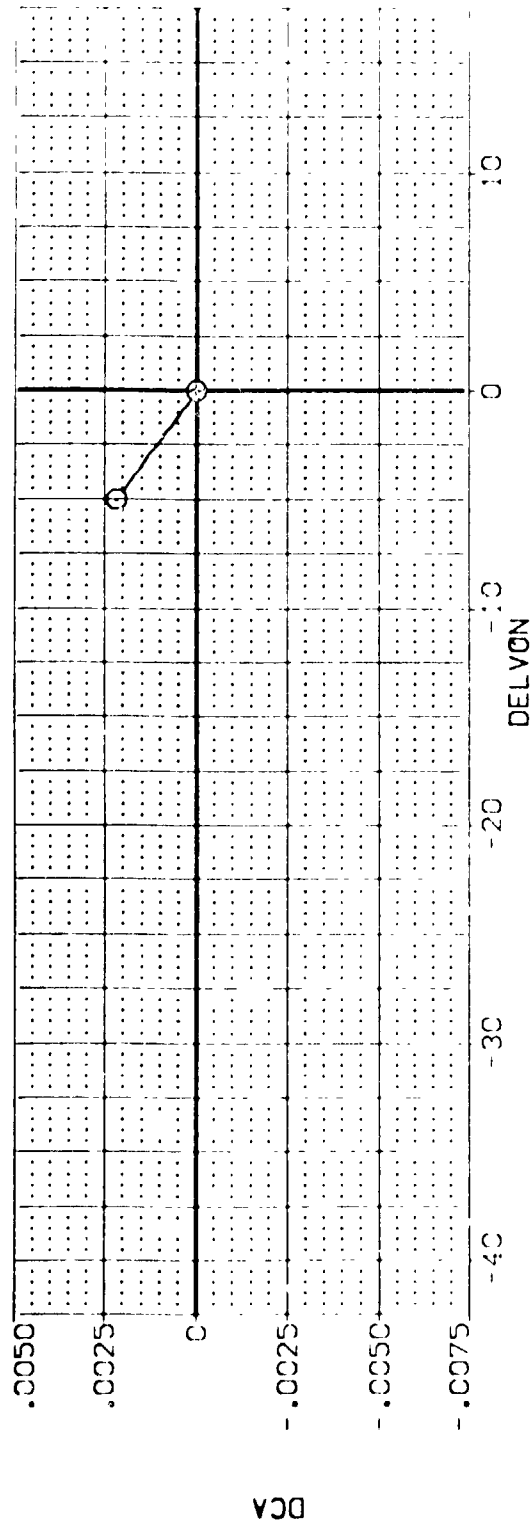


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

CA523 326C9 M7F8 W116E28V8R5X9 (EDZ227)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES			DATA SOURCE		REFERENCE INFORMATION									
			BOFLAP	RUDDER	BETA	DELTON	EDZ228	SREF	LREF	YREF	ZREF	SCALE					
○	10.000	A1LRON	.200	.000	.000	-12.000	.000	EDZ227	.000	EDZ228	4.419	19.2059	37.9359	43.5974	.0000	15.1875	.0005
		SPORON															

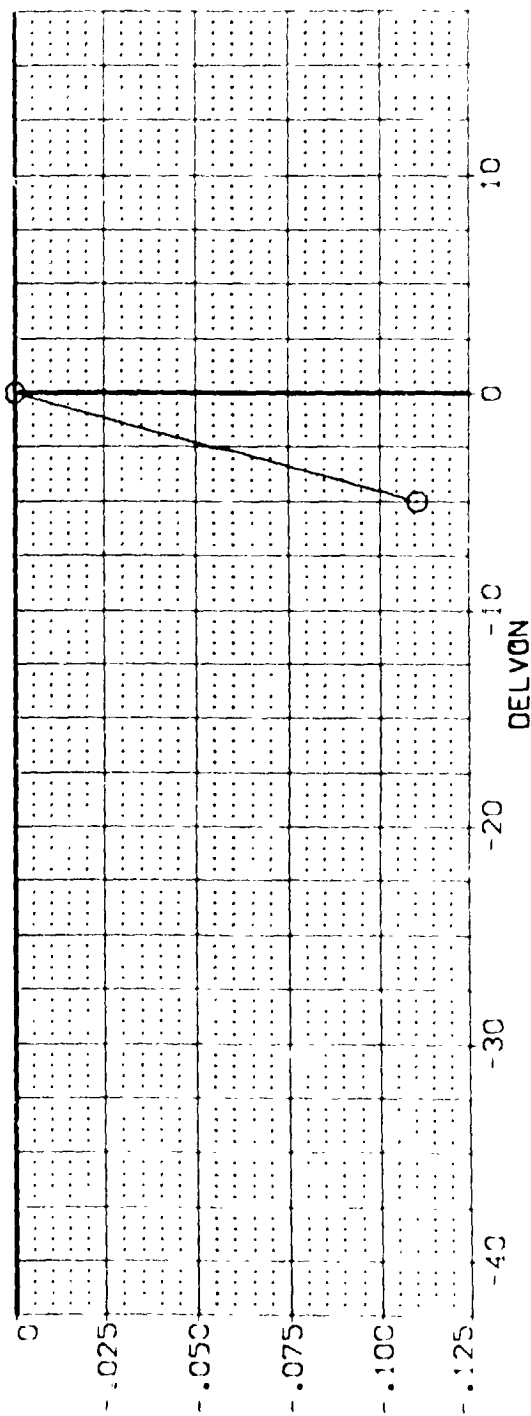
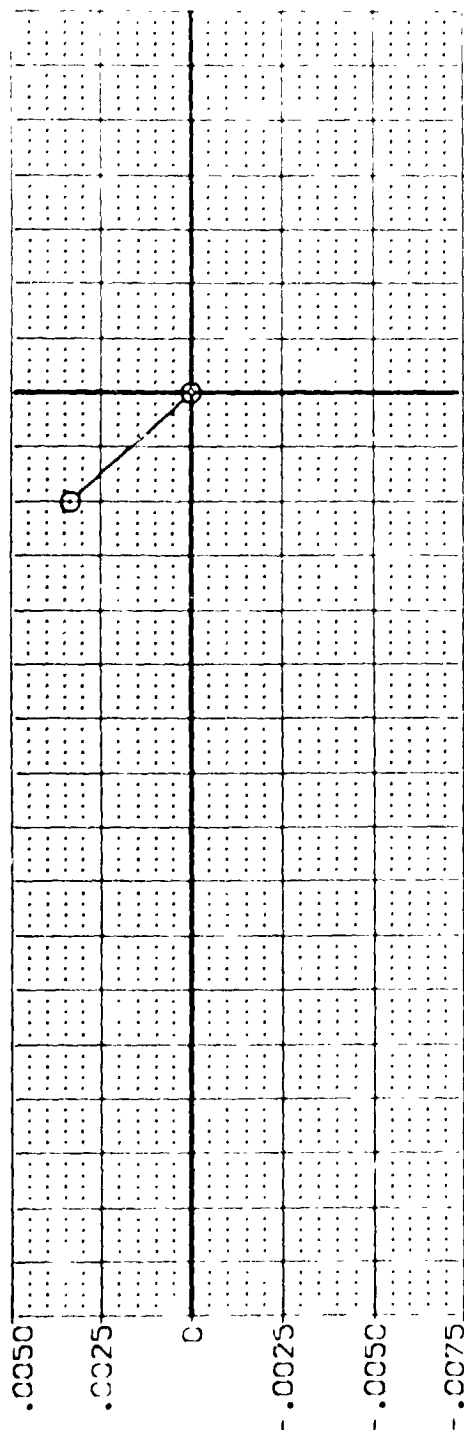


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

(EDZ227)

0A62B B26C9 M7F8 W116E28V8R5X9

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES			DATA SOURCE		REFERENCE INFORMATION		
			BOFLAP	RUDDER	BETA	DELTON	EDZ227	SREF	LR.F	BR.F
○	15.000	ALLRON	.200	.000	.000	-12.000	.000	4.4119	19.2289	37.9359
		SPDRM	.000	.000	.000	.000	.000	43.5974	22.9945	22.9945
								15.1875	15.1875	15.1875
								.0405	.0405	.0405

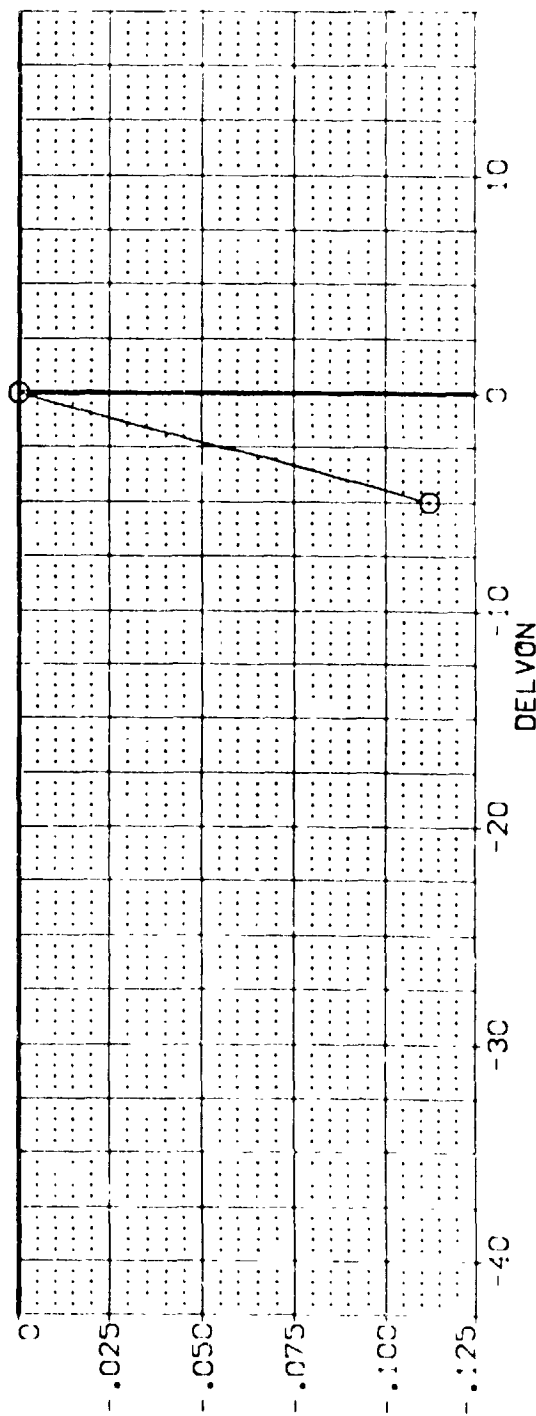
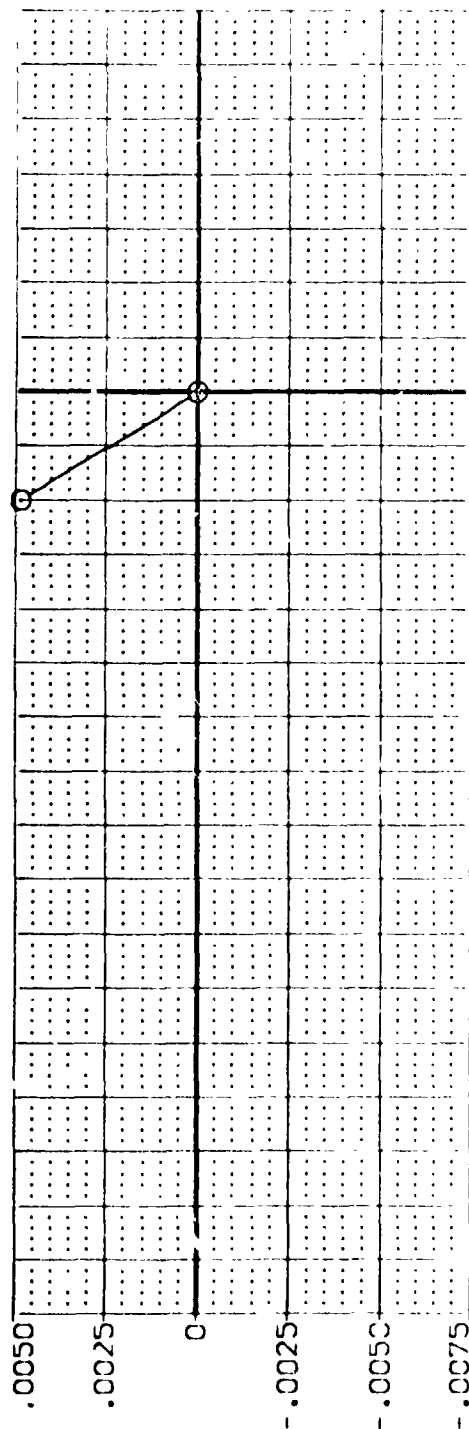


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

0A62B B26C9 W7F8 W116E28V8R5X9 (EDZ227)
 SYMBOL ALPHA 20.000 MACH .200 BOFLAP .000 RUDDER .000 BETA .000
 DATA SOURCE DELVON -5.000 EDZ277 .000 EDZ278 .000
 REFERENCE INFORMATION
 SCREF 4.4119
 LREF 19.2299
 BREF 37.9339
 XMRP 43.5974
 YMRP .0000
 ZMRP 15.1875
 SCALE .0405

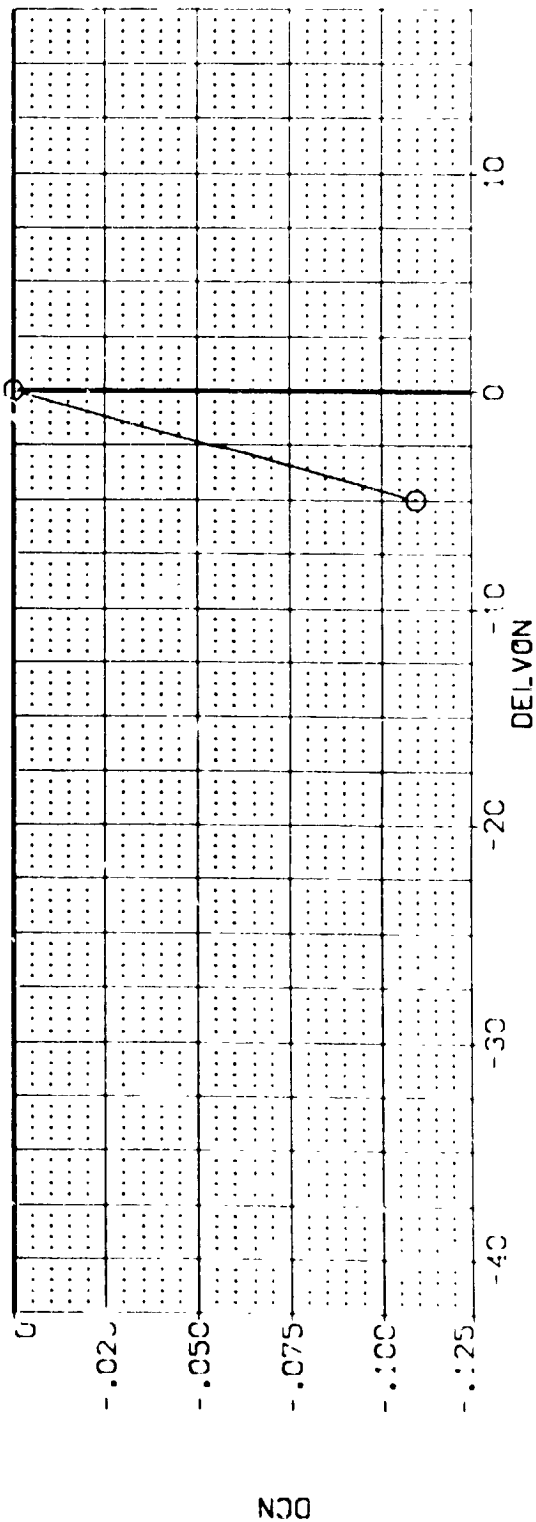
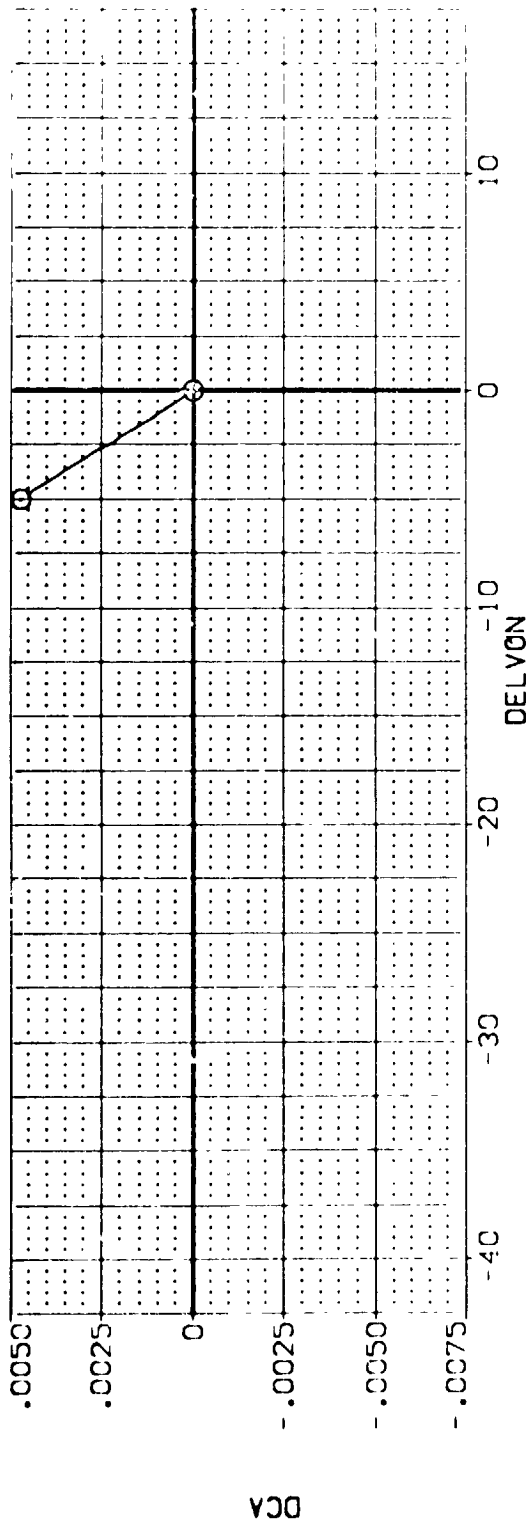


FIG 85 ELEVON EFFECTIVENESS. RUDDER = 0, 0 DEG. FLARE

0A625 B26C9 M7F8 W116E28V8R5X9

(EDZ227)

SYMBOL
○

ALPHA
5.000
MACH
ALLRON
SPDRK

PARAMETRIC VALUES
.200 GOLFAP
.000 RUDDER
.000 BETA

DATA SOURCE
DELVN
-5.000

DATASET
EDZ227
EDZ228

DELVN
.000
SREF
LREF
BREF
XREF
YREF
ZREF
SCALE

REFERENCE INFORMATION
4.4119
19.2359
37.9359
43.5974
15.1875
SCALE

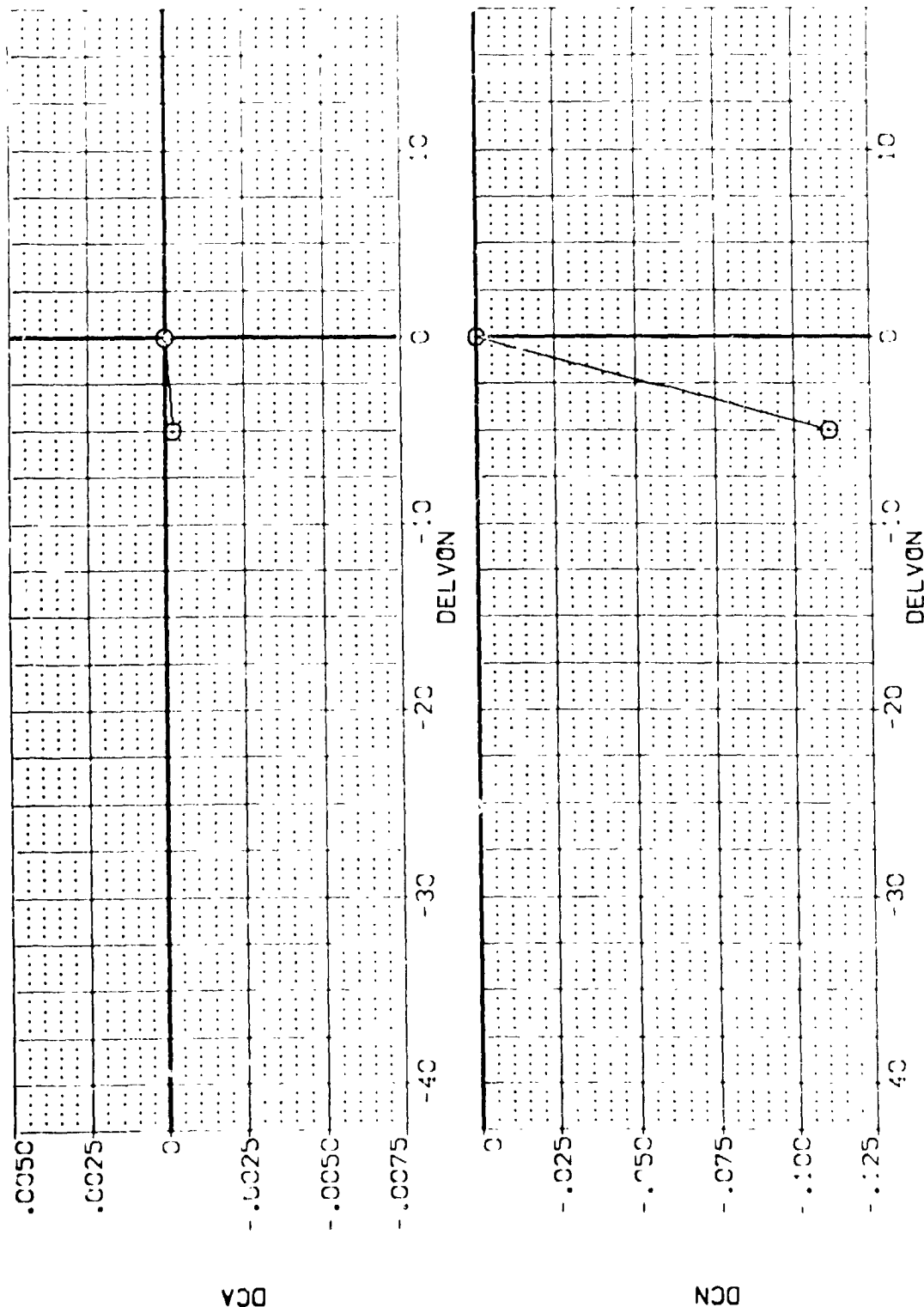


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0, 0 DEG. FLARE

CA62B B26C9 M7F8 W116E28V8R5X9 (EDZ227)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES		DATA SOURCE		REFERENCE INFORMATION	
○	30.000	A1LRON	.200	BOFLAP	-12.000	DATASET	DELTON	SRFF
		SPDBRK	.000	RUDER	.000	EDZ227	.000	REF
			.000	BETA	.000			BRLE
								XPRP
								YPRP
								ZPRP
								SCALE
								4.4118
								19.2286
								37.9359
								43.5974
								.0000
								15.1975
								.0405

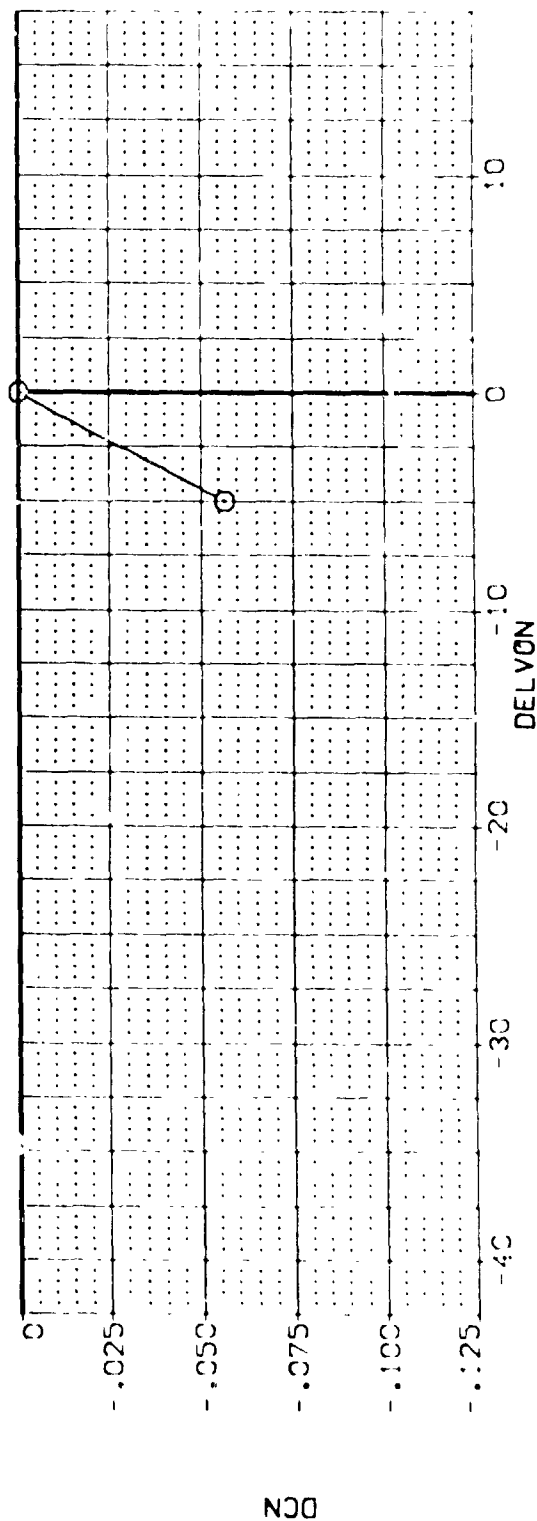
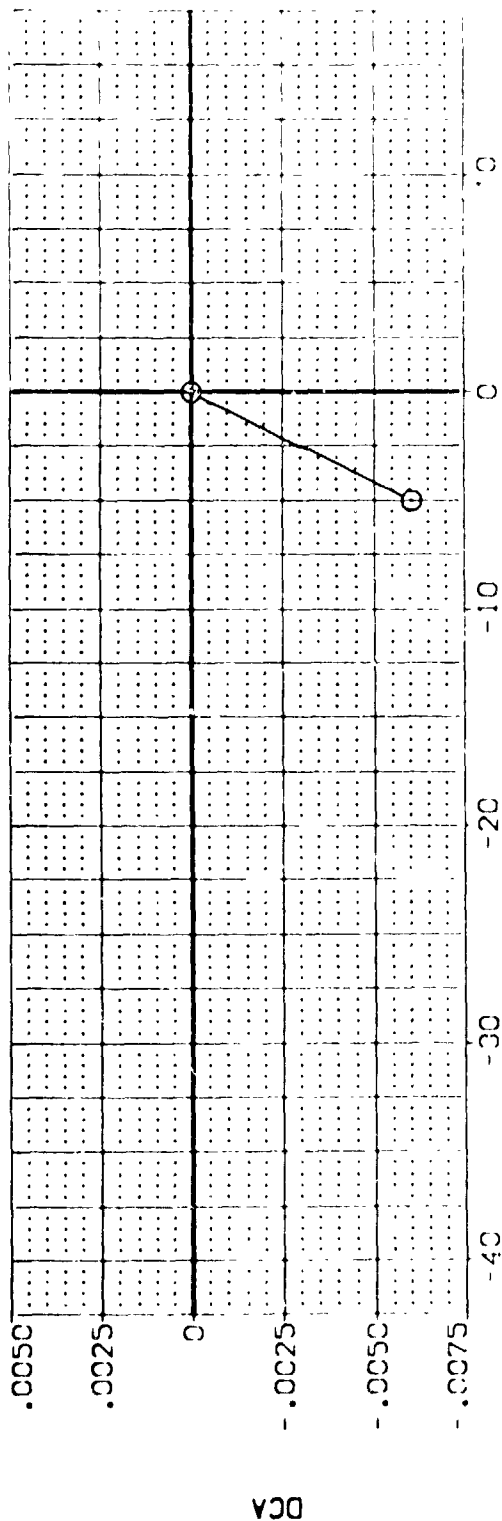


FIG 85 ELEVON EFFECTIVENESS, RUDDER = 0.0 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE IN DEGREES
PC2229	04629 B76C9 W7E8 V11E28V8P5X9	.000	.000	.000	.000	4.419
PC2230	04629 B76C9 W7E8 V11E28V8P5X9	5.000	.000	.000	.000	19.2799
PC2231	04629 B76C9 W7E8 V11E28V8P5X9	10.000	.000	.000	.000	37.9359
PC2232	04629 B76C9 W7E8 V11E28V8P5X9	15.000	.000	.000	.000	43.5914
PC2233	04629 B76C9 W7E8 V11E28V8P5X9	20.000	.000	.000	.000	50.000
						SCALE
						15.000
						10.000
						5.000
						0.000

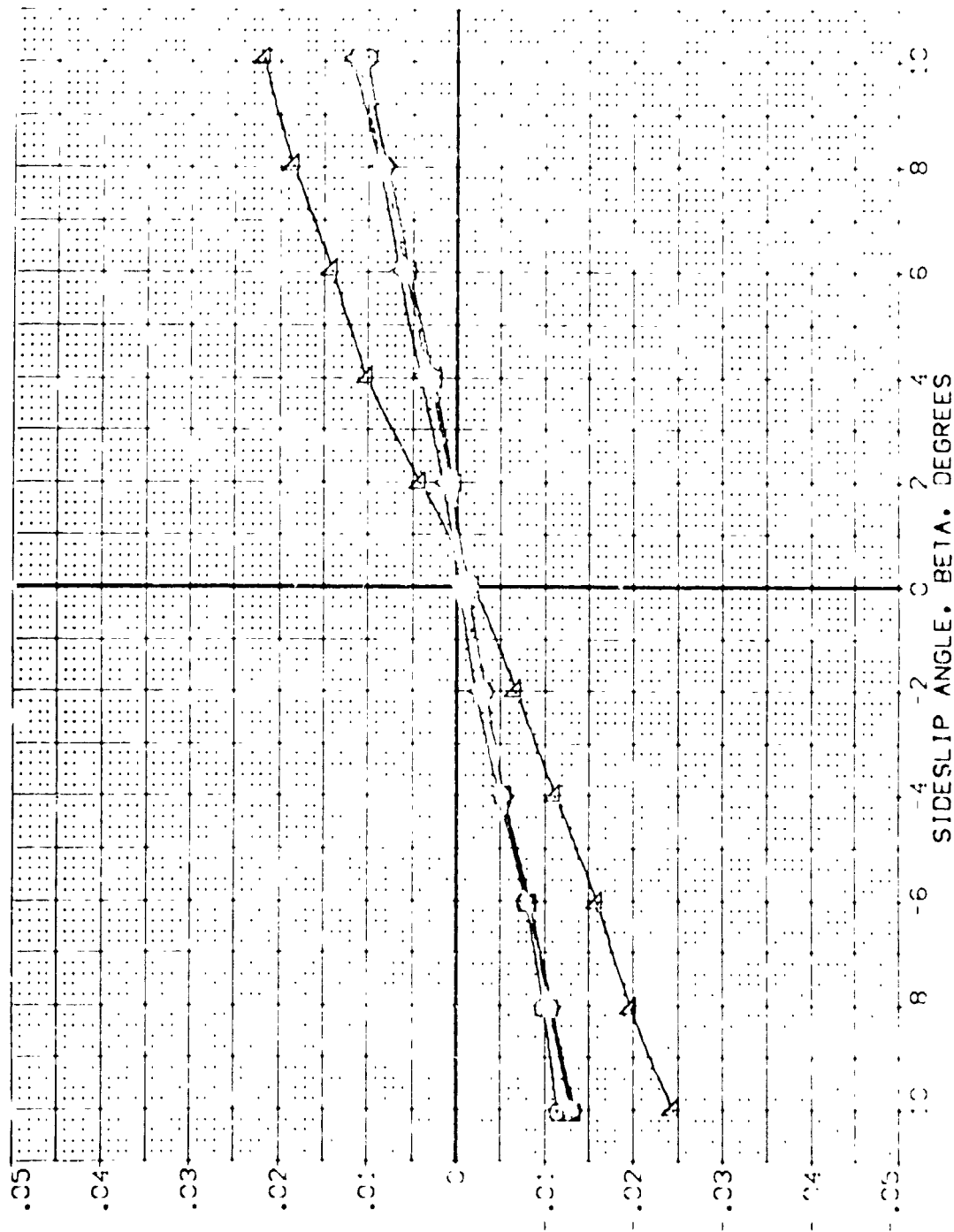


FIG 36 LATERAL-DIRECTIONAL STABILITY, RUDDER = 0, 2, 4, 6 DEGREES

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE IV	SCALE
PC2729	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	SPR	4.419
PC2730	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	REF	19.259
PC2731	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	SPR	37.939
PC2732	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	REF	13.594
PC2733	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	SPR	15.000
PC2733	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	REF	15.000
PC2733	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	SPR	15.000
PC2733	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	REF	15.000
PC2733	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	SPR	15.000
PC2733	○	04629 876C9 W718 V 16281895X9	.000	.000	.000	.000	REF	15.000

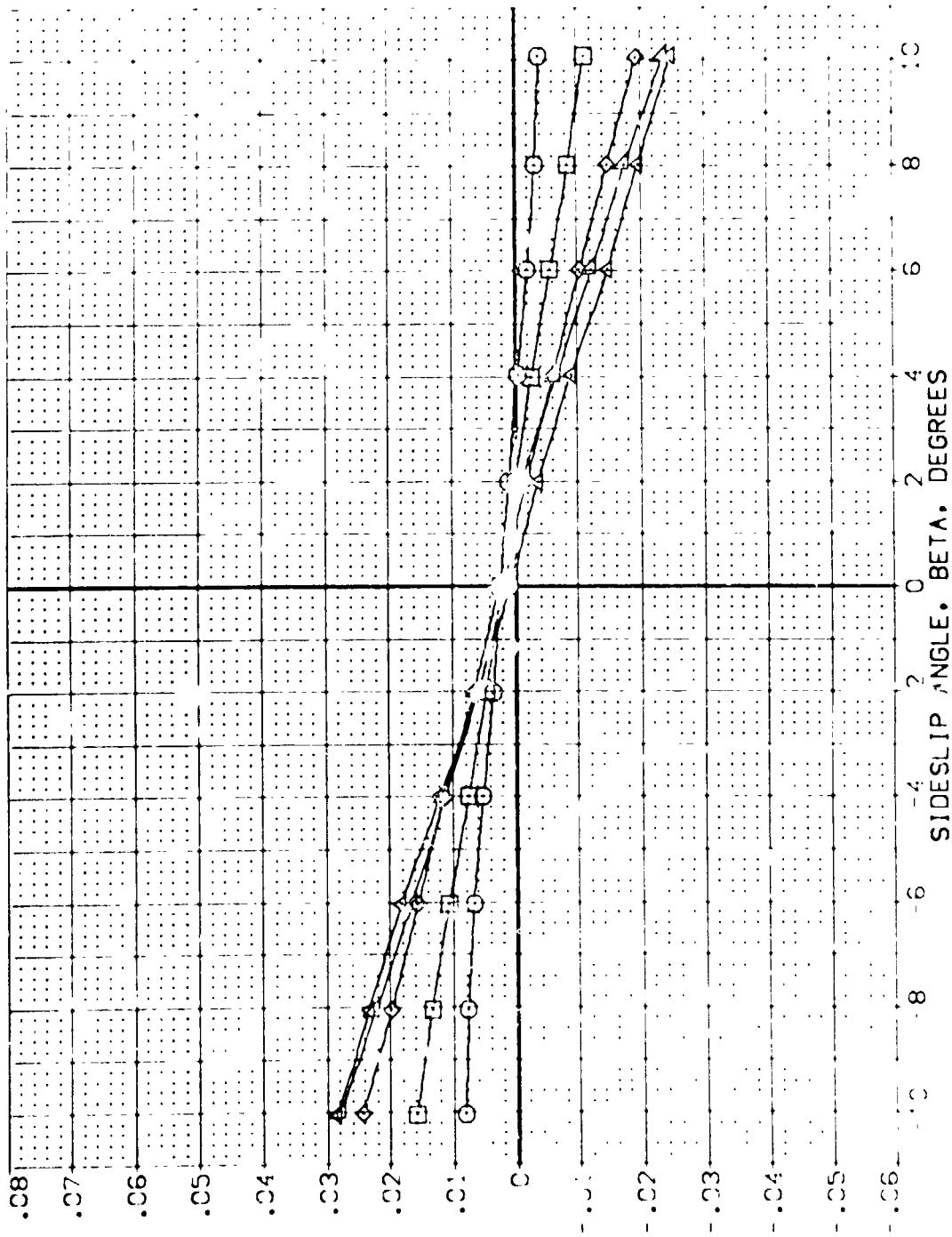


FIG 86 LATERAL-DIRECTIONAL STABILITY, RUDDER = 0, 0 DEG. FLARE

PC2733

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOBRK	AILRON	REFERENCE INFORMATION
[RD2229]	QAE2B B26C9 M7F8 V116E28V8F5X9	.000	.000	.000	.000	SREF 4.4119 SC.FT.
[RD2230]	QAE2B B26C9 M7F8 V116E28V8F5X9	5.000	.000	.000	.000	LREF 19.2269 VC.FT.
[RD2231]	QAE2B B26C9 M7F8 V116E28V8F5X9	10.000	.000	.000	.000	BREF 37.9359 NC.FT.
[RD2232]	QAE2B B26C9 M7F8 V116E28V8F5X9	15.000	.000	.000	.000	XMRP 43.5974 NC.FT.
[RD2233]	QAE2B B26C9 M7F8 V116E28V8F5X9	20.000	.000	.000	.000	YMRP .0000 NC.FT.
						ZMRP 15.1873 NC.FT.
						SCALE .0403

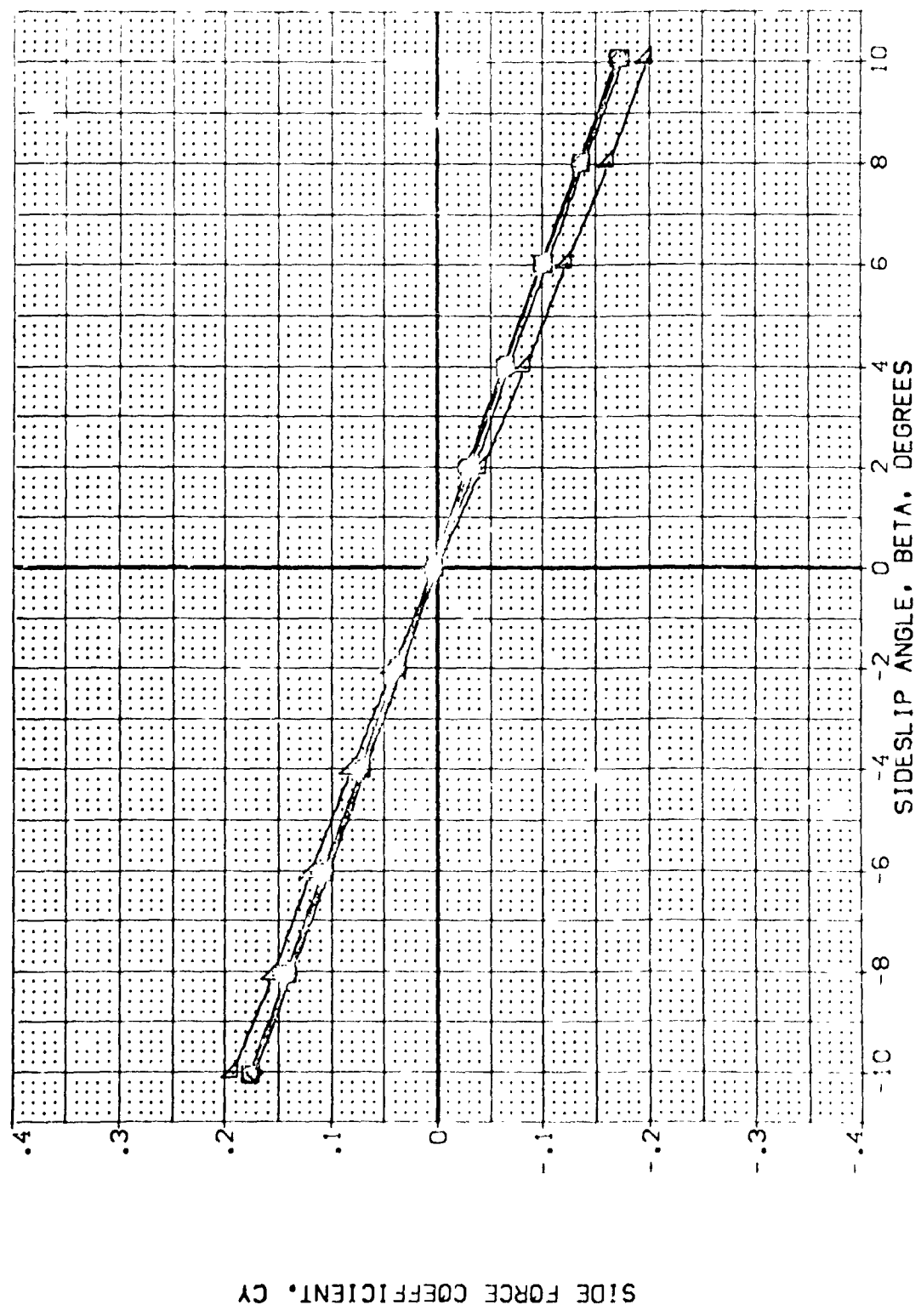


FIG 86 LATERAL-DIRECTIONAL STABILITY, RUDDER = 0, 0 DEG. FLARE

CADMAC = .20

(CDZ2229)

W116E28V8R5X9

M7F8

B26C9

0A628

SYMBOL
O

RUDDER
.000

MACH
ELEVON
SPDBRK

PARAMETRIC VALUES
.200 BOFLAP
.000 AILRON
.000 RLRAD

-12.000
.000
.000

REFERENCE INFORMATION
SPREF 4.4119
LRREF 19.2289
BRREF 37.9759
XMRP 43.5974
YMRP .0000
ZMRP 15.1875
SCALE .0405

YAWING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CYNBET, PER DEGREE

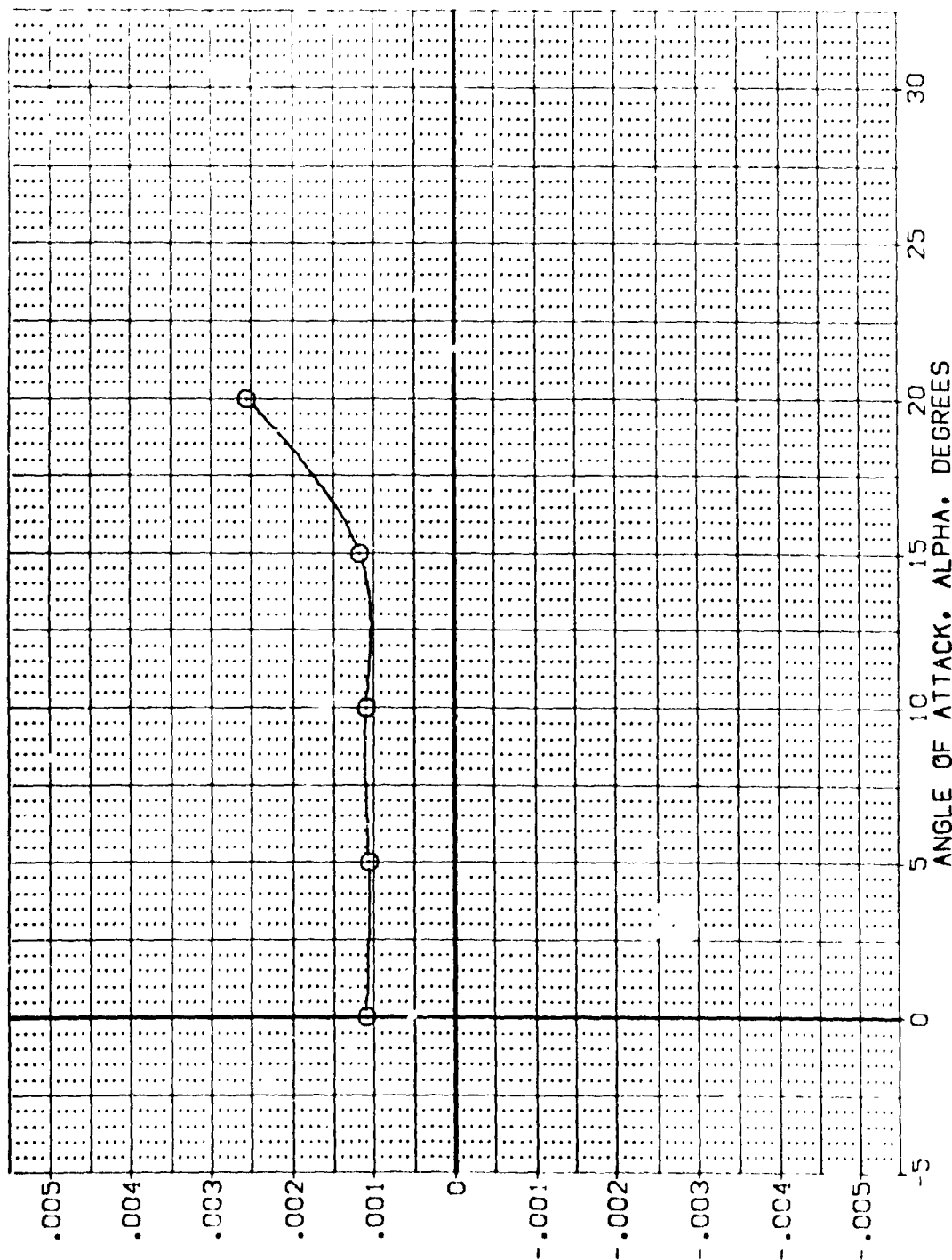


FIG 86 LATERAL-DIRECTIONAL STABILITY, RUDDER = 0, 0 DEG. FLARE

0A62B 826C9 M7F8 W116E28V8R5X9 (C0Z229)
 SYMBOL RUDDER .000 MACH .000 BOFLAP -12.000
 ELEVON .000 AILRON .000
 SPDRK .000 RHLRAD .000
 REFERENCE INFORMATION
 SREF 4.4119
 LREF 19.2259
 BREF 37.9359
 XMRP 43.5874
 YMRP .0000
 ZMRP 15.1875
 SCALE .0400

ROLLING MOMENT COEFFICIENT DERIVATIVE WITH BETA, CBLBET, PER DEGREE

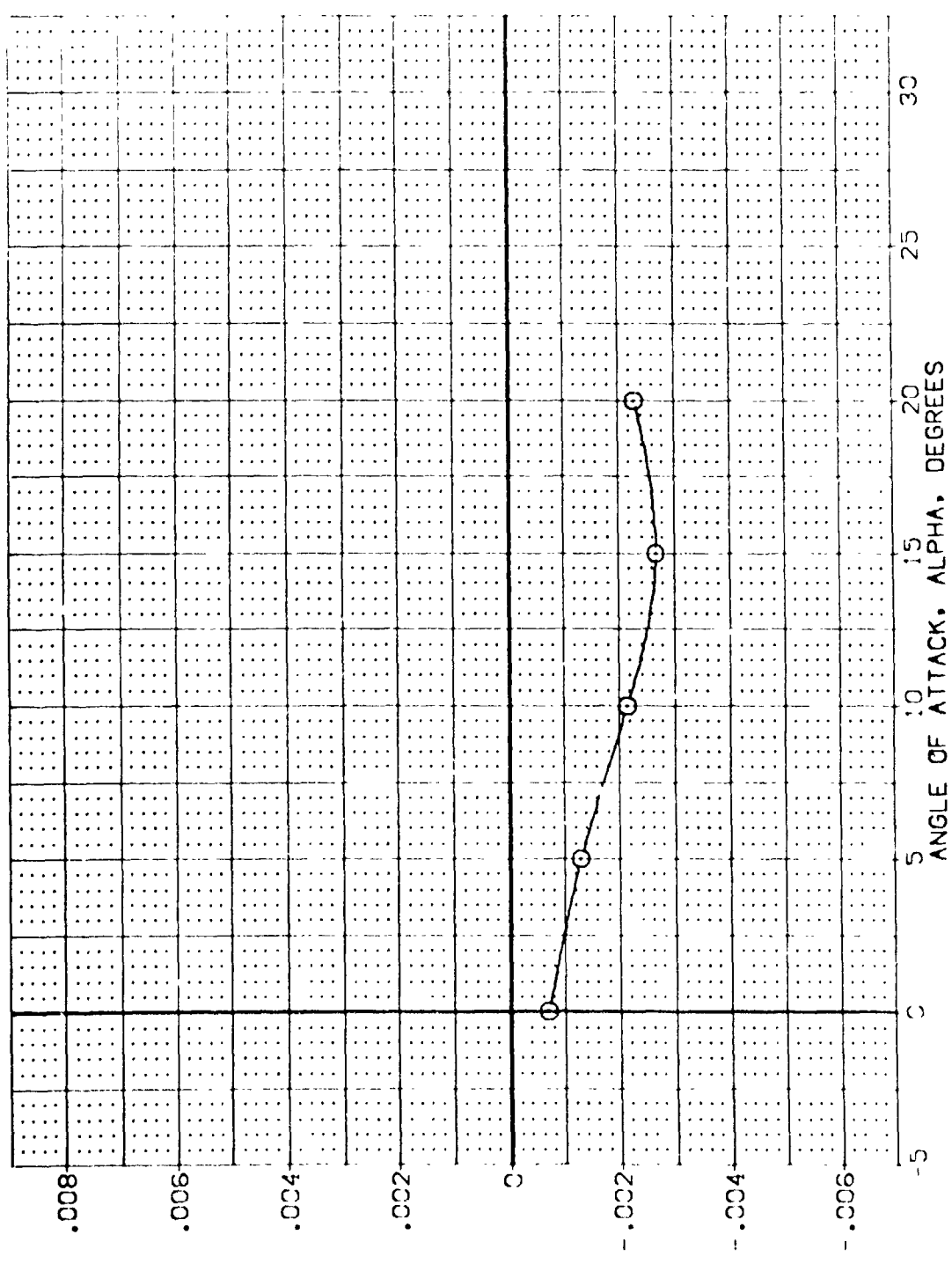


FIG 86 LATERAL-DIRECTIONAL STABILITY, RUDDER = 0, 0 DEG. FLARE

(002229)

CA62B 326C9 W7F8 W116E28V8R5X9

SYMBOL
○

RJDER
.000

MACH
ELEVON
SPDRM

PARAMETRIC VALUES
.200 BOFLAP
.000 AILRON
.000 RLRAD

-12.000
.000
.000

REFERENCE INFORMATION
SPRE 4.419 SCALE 1000 S
PREF 19.2700 SCALE 1000 S
SPRE 31.1330 SCALE 1000 S
Y400 43.1574 SCALE 1000 S
Y400 .0000 SCALE 1000 S
Y400 15.1875 SCALE 1000 S
SCALE .0405

SIDE FORCE COEFFICIENT DERIVATIVE WITH BETA, CYBETA, PER DEGREE

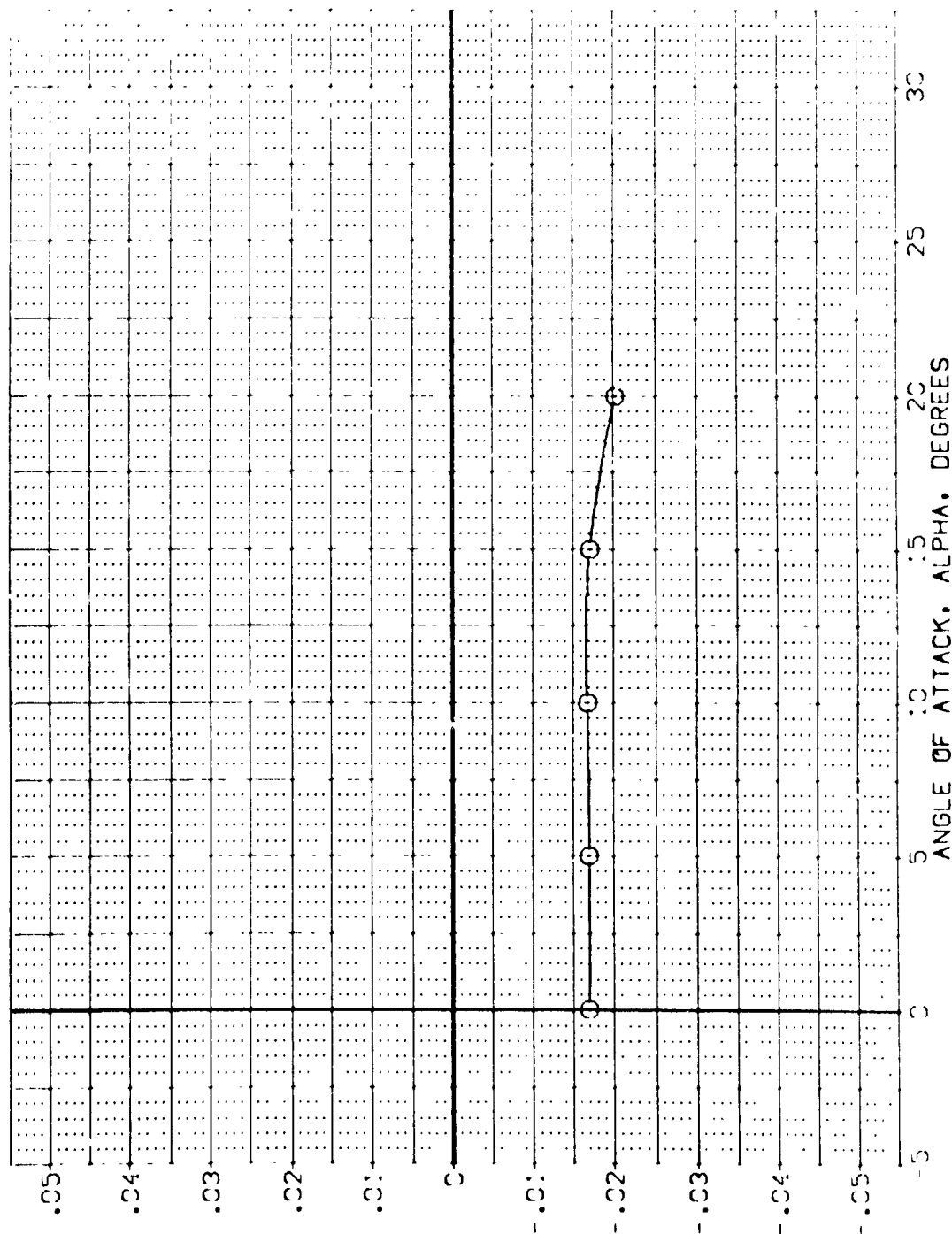


FIG 86 LATERAL-DIRECTIONAL STABILITY, RUDDER = 0, 0 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPORRK	BOFLAP	RUDDER	REFERENCE INFORMATION
[BD2240]	DA628 B26C9 M7F8 V116E28V8F5X9	.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT.
[BD2241]	DA628 B26C9 M7F8 V116E29V8F5X9	.000	25.000	-12.000	.000	LREF 19.2298 INCHES
[BD2242]	DA628 B26C9 M7F8 V116E30V8F5X9	.000	25.000	-12.000	.000	BREF 37.9359 INCHES
[BD2243]	DA628 B26C9 M7F8 V116E31V8F5X9	.000	25.000	-12.000	.000	XREF 43.5974 INCHES
[BD2244]	DA628 B26C9 M7F8 V116E32V8F5X9	.000	25.000	-12.000	.000	YREF .0000 INCHES
[BD2245]	DA628 B26C9 M7F8 V116E33V8F5X9	.000	25.000	-12.000	.000	ZREF 15.1875 INCHES
						SCALE .0405

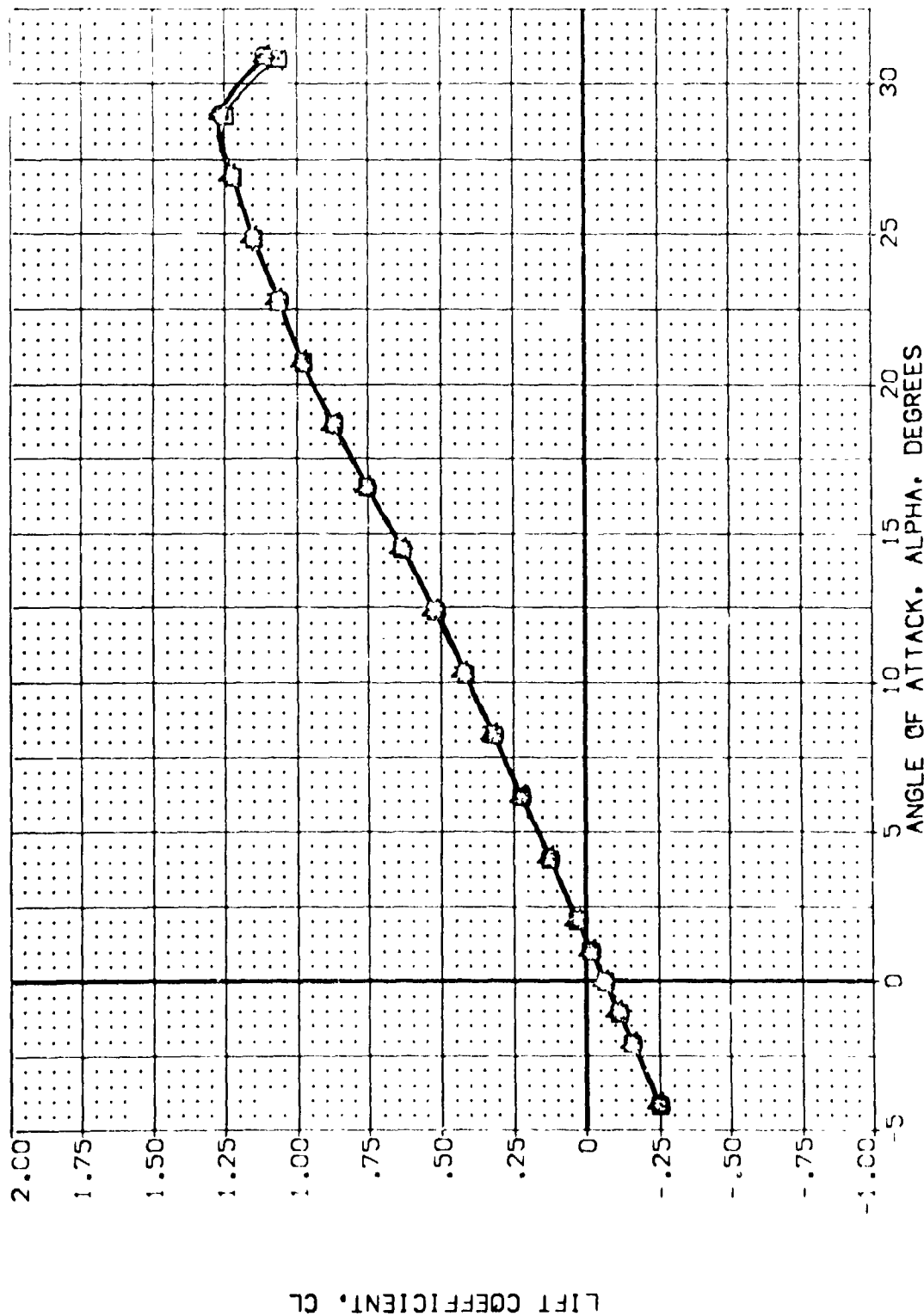


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP. ELEVON = 0.25 FLARE

(A)WAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BDFLAP	RJODER	REFERENCE INFORMATION
[BDZ240]	0A628 B26C9 M7F8 V116E28V8F5X9	.000	25.000	-12.000	.000	SREF 4.4119 SCALE
[BDZ246]	0A628 B26C9 M7F8 V116E29V8F5X9	.000	25.000	-12.000	.000	LRFF 19.2299 SCALE
[BDZ248]	0A628 B26C9 M7F8 V116E30V8F5X9	.000	25.000	-12.000	.000	BRFF 37.9359 SCALE
[BDZ254]	0A628 B26C9 M7F8 V116E31V8F5X9	.000	25.000	-12.000	.000	XRFF 43.5914 SCALE
[BDZ255]	0A628 B26C9 M7F8 V116E32V8F5X9	.000	25.000	-12.000	.000	YRFF 0.0000 SCALE
						ZRFF 15.1825 SCALE
						SCALE .0405

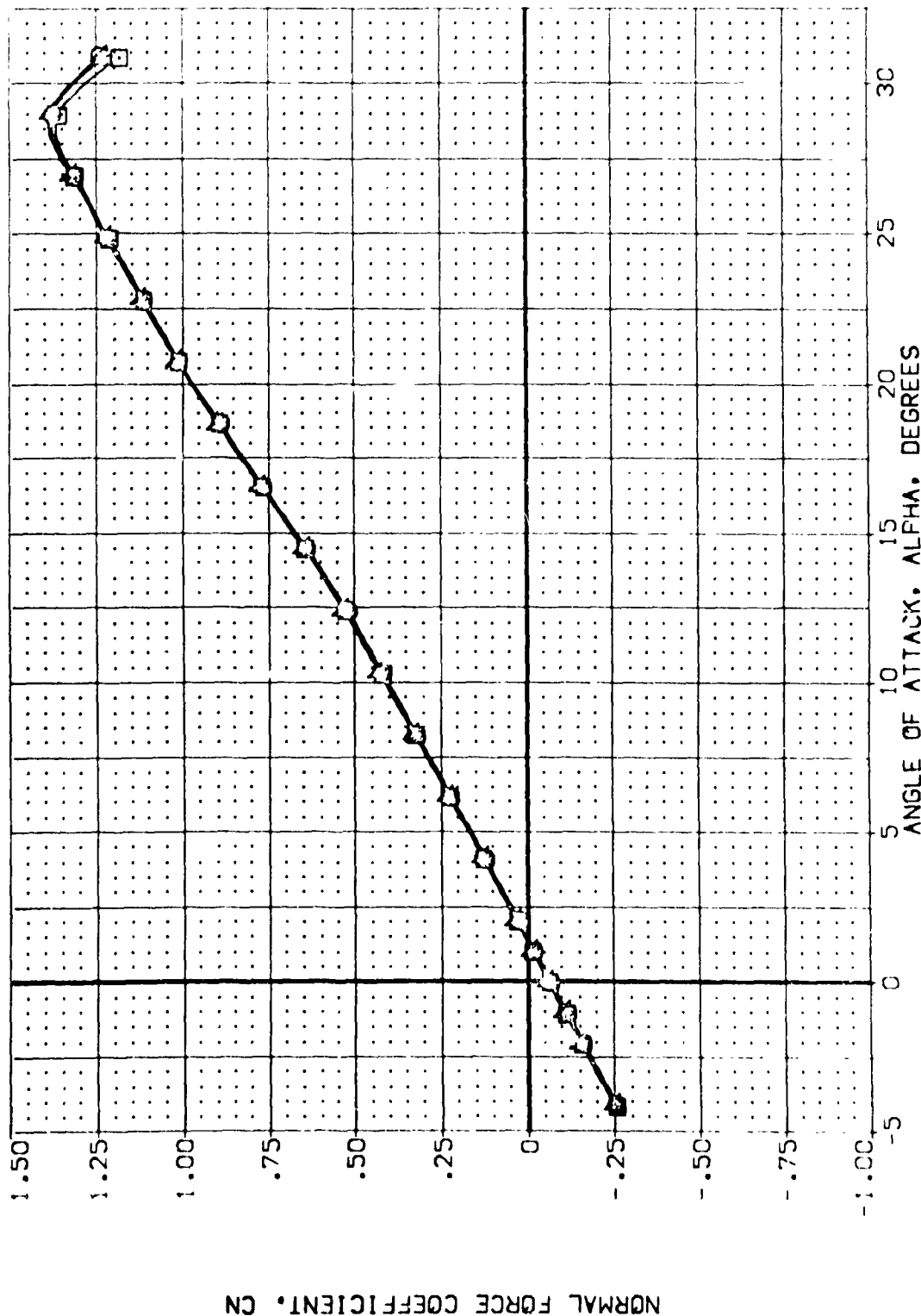


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0.25 FLARE
 (A)WAG-- = .20 PAGE 1014

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRBK	BOLAP	RUDDER	REFERENCE INFORMATION
{ 807240 }	DA628 B26C9 M7F8 V116E28V8R5X9	.000	25.000	-12.000	.000	SREF 4.4119 SC.FT.
{ 807246 }	DA628 B26C9 M7F8 V116E28V8R5X9	.000	25.000	-12.000	.000	LREF 19.2799 NC.FT.
{ 807248 }	DA628 B26C9 M7F8 V116E30V8R5X9	.000	25.000	-12.000	.000	BREF 37.9359 NC.FT.
{ 807254 }	DA628 B26C9 M7F8 V116E31V8R5X9	.000	25.000	-12.000	.000	XREF 43.5874 NC.FT.
{ 807255 }	DA628 B26C9 M7F8 V116E32V8R5X9	.000	25.000	-12.000	.000	YREF 15.0000 NC.FT.
						ZREF 15.1875 NC.FT.
						SCALE .0405

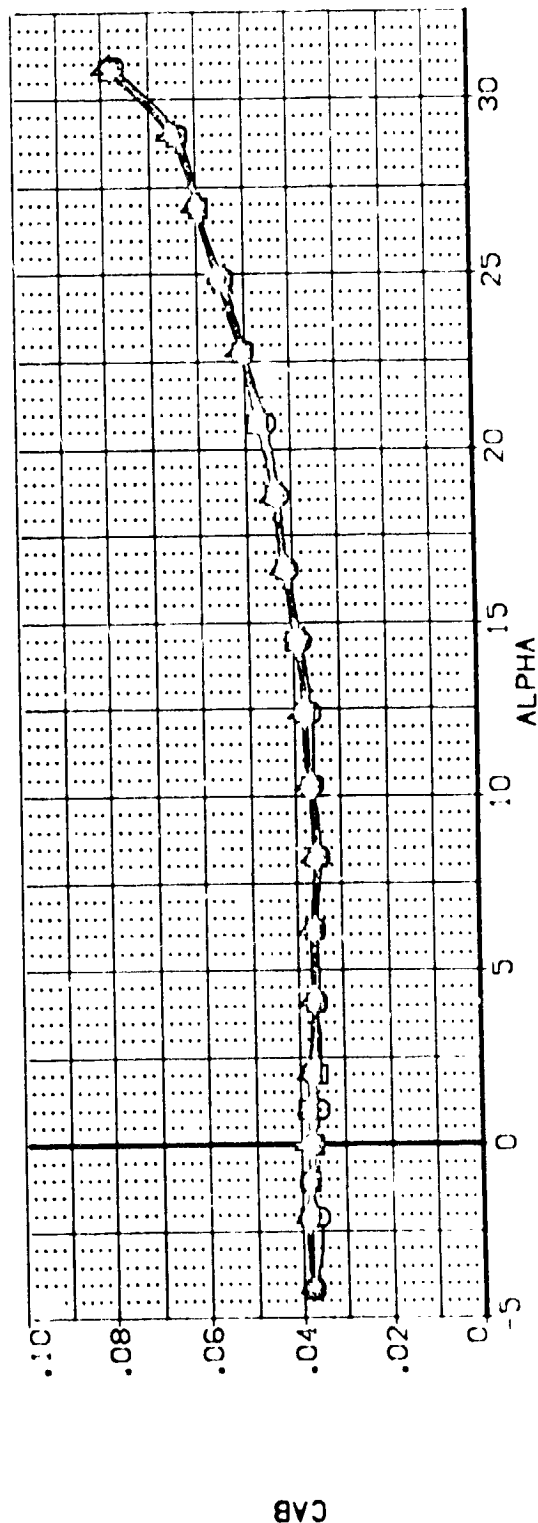
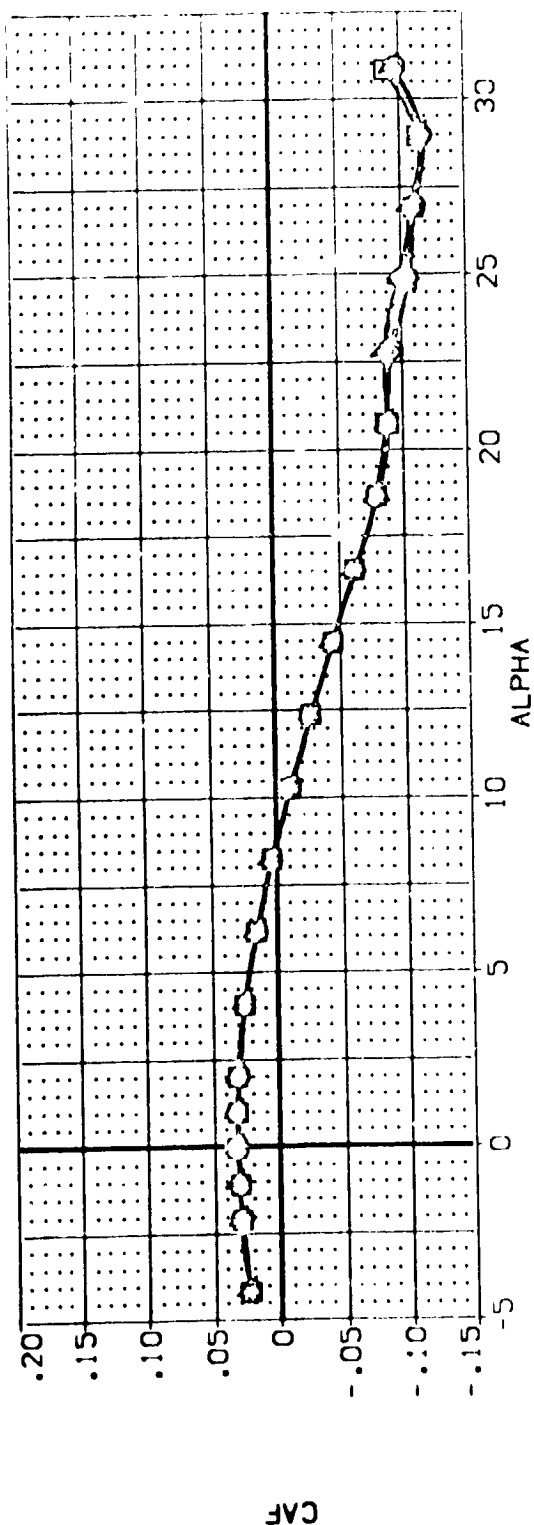


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE
 CAVAC = .20 PAGE 1015

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRM	BDLAP	RUDER	REFERENCE INFORMATION
[BD2240]	CA628 B26C9 MTF8 V116E28V85X9	.000	25.000	-17.000	.000	SREF 4.4119
[BD2241]	CA628 B26C9 MTF8 V116E29V85X9	.000	25.000	-12.000	.000	LREF 19.2298
[BD2242]	CA628 B26C9 MTF8 V116E30V85X9	.000	25.000	-12.000	.000	BREF 37.9379
[BD2243]	CA628 B26C9 MTF8 V116E31V85X9	.000	25.000	-12.000	.000	XREF 43.5971
[BD2244]	CA628 B26C9 MTF8 V116E32V85X9	.000	25.000	-12.000	.000	YREF .0000
[BD2245]	CA628 B26C9 MTF8 V116E32V85X9	.000	25.000	-12.000	.000	ZREF 15.1875
						SCALE .0425

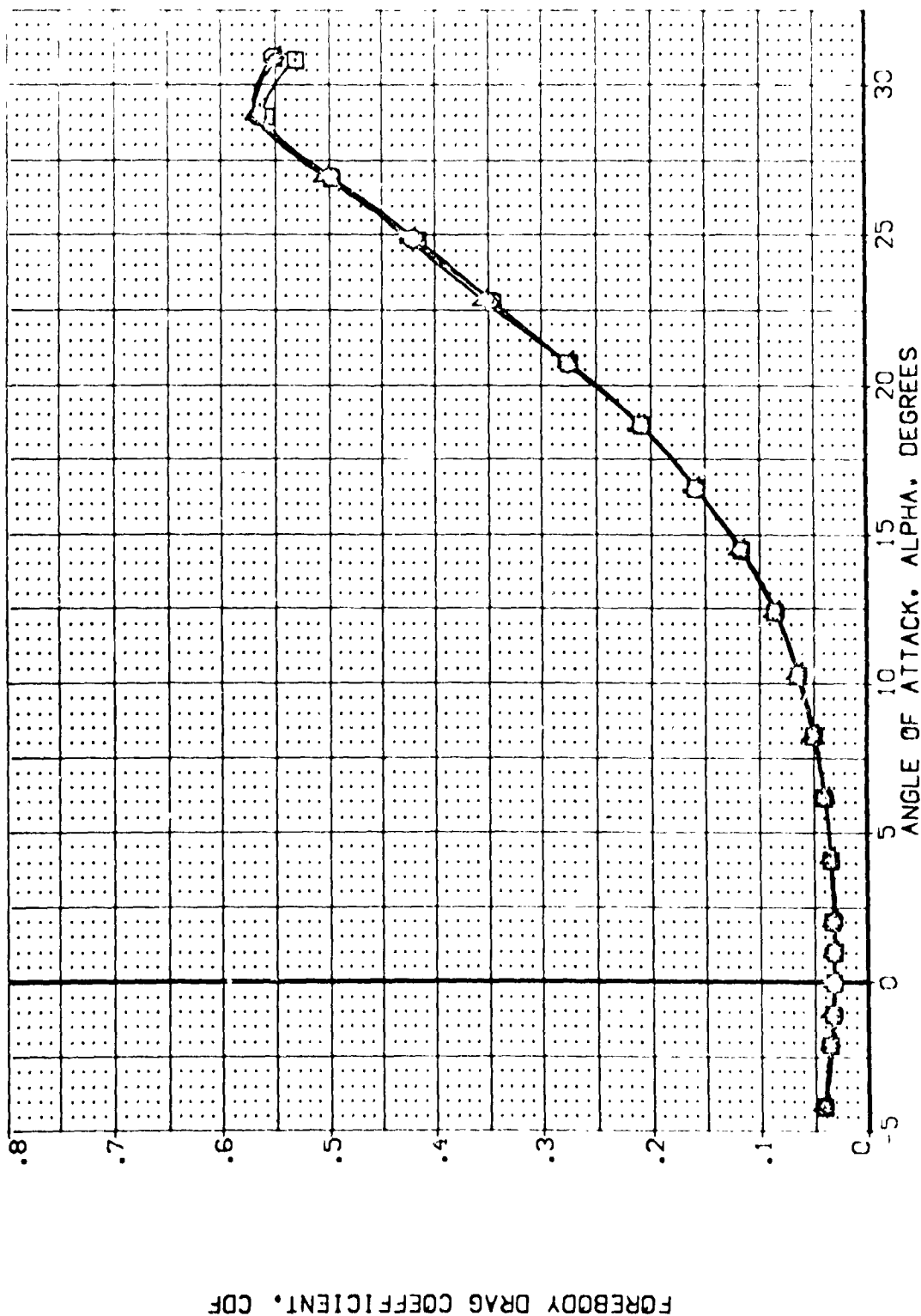


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRBK	BDFLAP	RUDDER	REFERENCE INFORMATION
[BD7240]	0A628 B26C9 M7F8 V116E28V85X9	.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT. 5
[BD7246]	0A628 B26C9 M7F8 V116E29V85X9	.000	25.000	-12.000	.000	SREF 19.2709 SQ.FT. 5
[BD7248]	0A628 B26C9 M7F8 V116E30V85X9	.000	25.000	-12.000	.000	SREF 37.9359 SQ.FT. 5
[BD7254]	0A628 B26C9 M7F8 V116E31V85X9	.000	25.000	-12.000	.000	XREF 43.5574 SQ.FT. 5
[BD7255]	0A628 B26C9 M7F8 V116E32V85X9	.000	25.000	-12.000	.000	YREF .0000 SQ.FT. 5
						ZREF 15.1875 SQ.FT. 5
						SCALE .0405

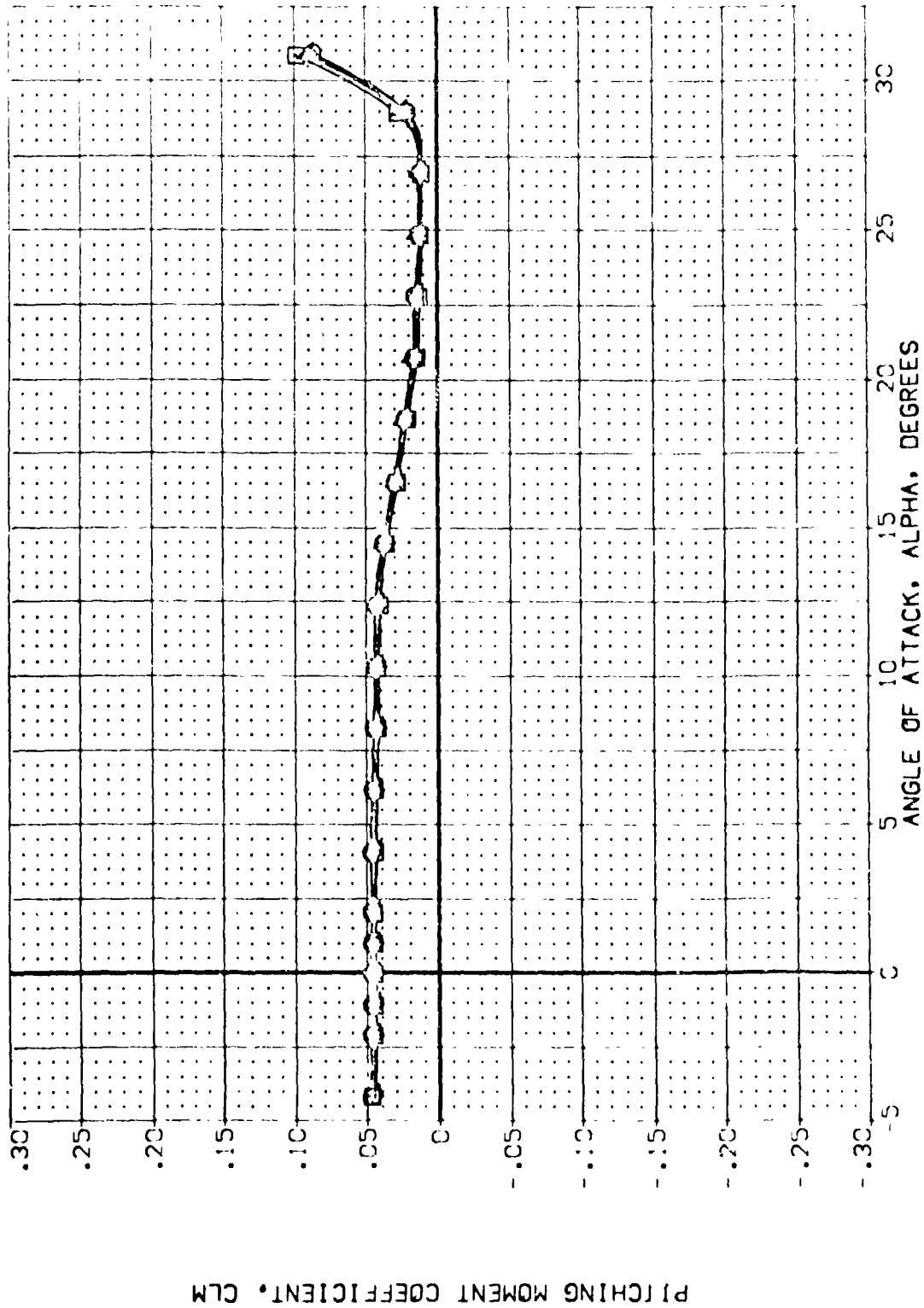


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE

DATA SET SYMBOL	CONF	QUANTITY	DESCRIPTION	ELEVON	SPDRBK	BOFLAP	RUDDER	REFERENCE INFORMATION
[807243]	Q	CA628	B26C9	.000	25.000	-12.000	.000	SPREF 4.4119 SCALE
[807246]		CA628	B26C9	.000	25.000	-12.000	.000	LREF 19.2299 SCALE
[807248]		CA628	B26C9	.000	25.000	-12.000	.000	BRF 37.9339 SCALE
[807254]		CA628	B26C9	.000	25.000	-12.000	.000	XREF 43.5914 SCALE
[807255]		CA628	B26C9	.000	25.000	-12.000	.000	YREF .0000 SCALE
								ZREF 15.1875 SCALE
								SCALE

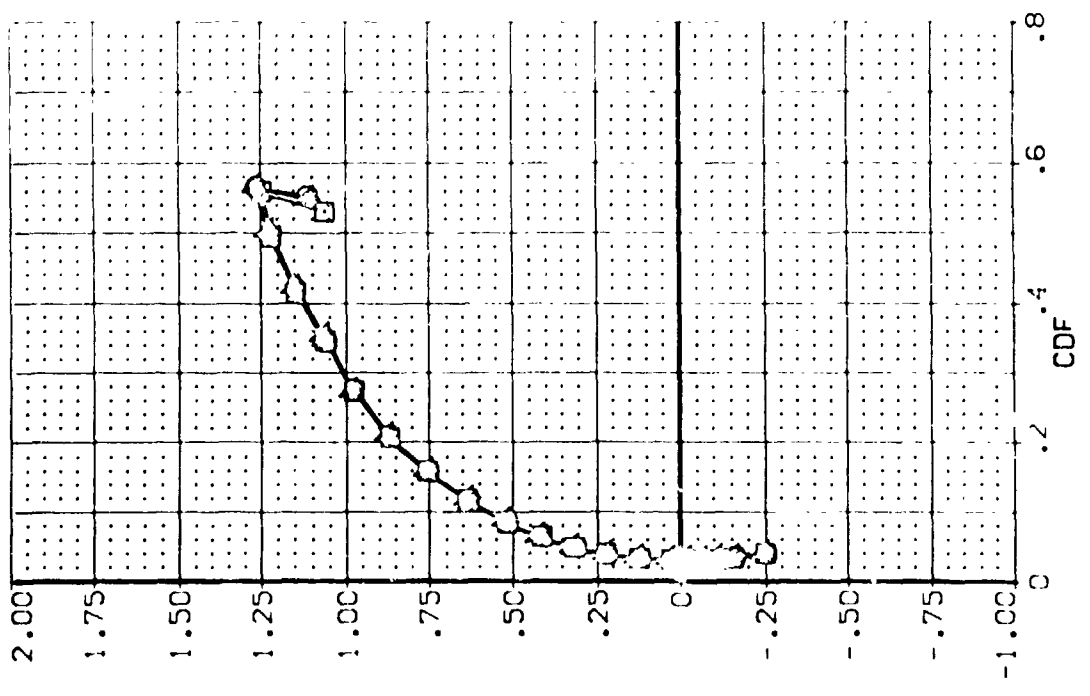
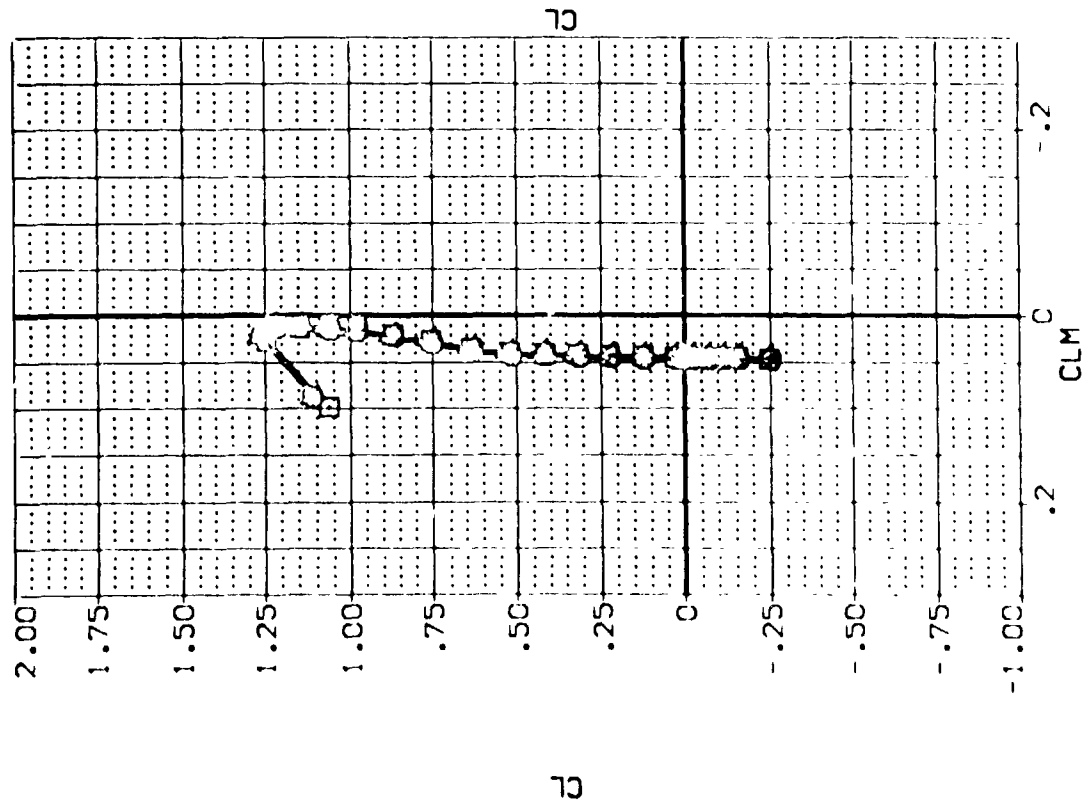


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE
CA6VACH = .20

LONGITUDINAL CENTER OF PRESSURE, XCP/L

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BOFLAP	RUDER	REFERENCE INFORMATION	SCALE
[BD2240]	DA628 B76C9	.000	25.000	-12.000	.000	SREF 4.4119	SC1.00
[BC2246]	DA628 B76C9	.000	25.000	-12.000	.000	LBREF 19.2299	SC1.00
[BC2248]	DA628 B76C9	.000	25.000	-12.000	.000	BRREF 37.9359	SC1.00
[BC2254]	DA628 B76C9	.000	25.000	-12.000	.000	XREF 43.5874	SC1.00
[BC2255]	DA628 B76C9	.000	25.000	-12.000	.000	YREF 15.875	SC1.00
						ZREF 15.875	SC1.00

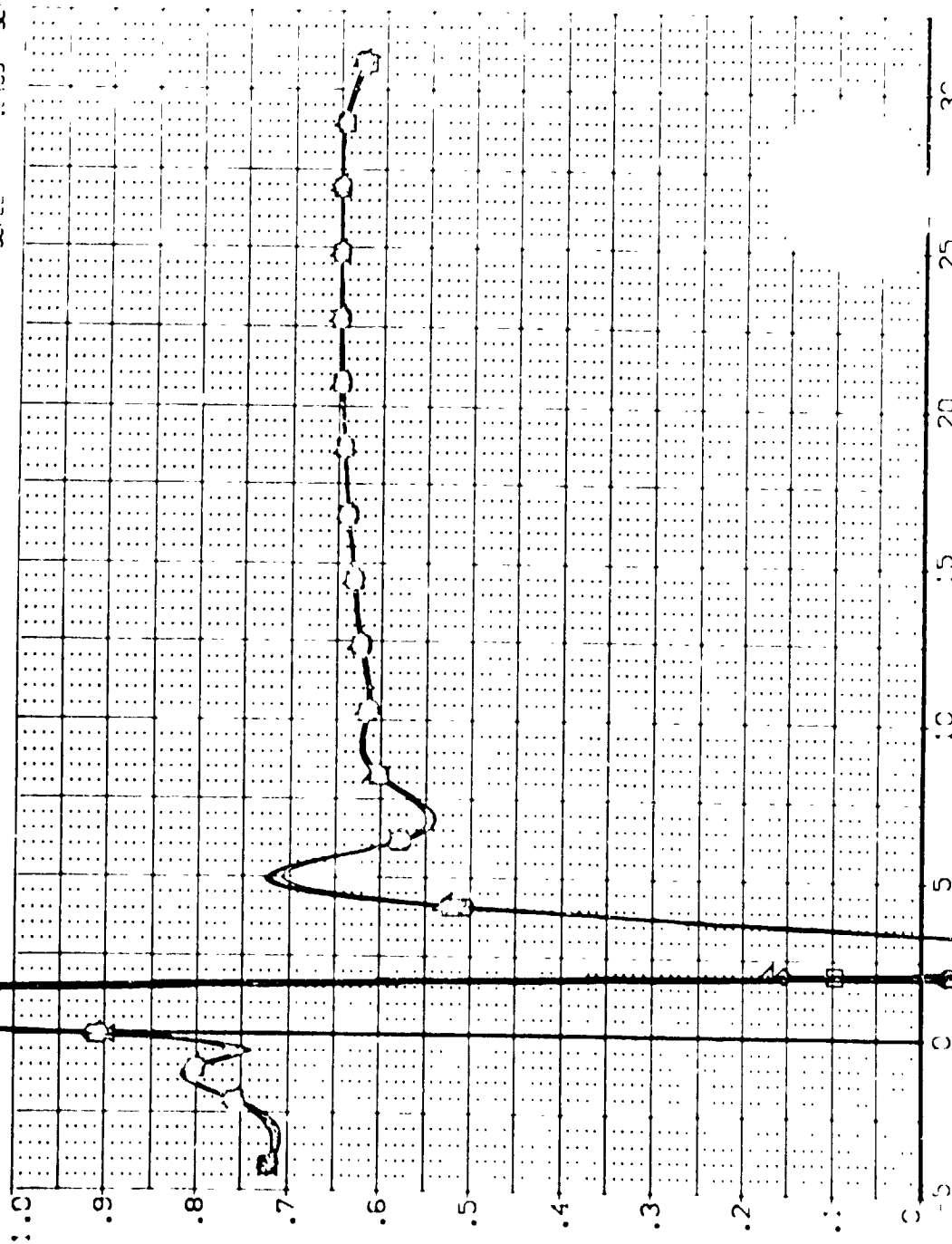


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE
 (A) MAC .20
 PAGE 1019

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BDF LAP	R-LODR	REFERENCE INFORMATION
(B07240)	CA628 B76C9 M7F8 V116E28V85X9	.000	25.000	-12.000	.000	SREF 4.4119 SCAL S
(B07246)	CA628 B76C9 M7F8 V116E28V85X9	.000	25.000	-12.000	.000	LREF 19.2399 SCAL S
(B07248)	CA628 B76C9 M7F8 V116E30V85X9	.000	25.000	-12.000	.000	BREF 37.9359 SCAL S
(B07254)	CA628 B76C9 M7F8 V116E31V85X9	.000	25.000	-12.000	.000	XREF 43.9514 SCAL S
(B07255)	CA628 B76C9 M7F8 V116E32V85X9	.000	25.000	-12.000	.000	YREF .0000 SCAL S
						ZREF 15.1875 SCAL S
						SCALE .0405

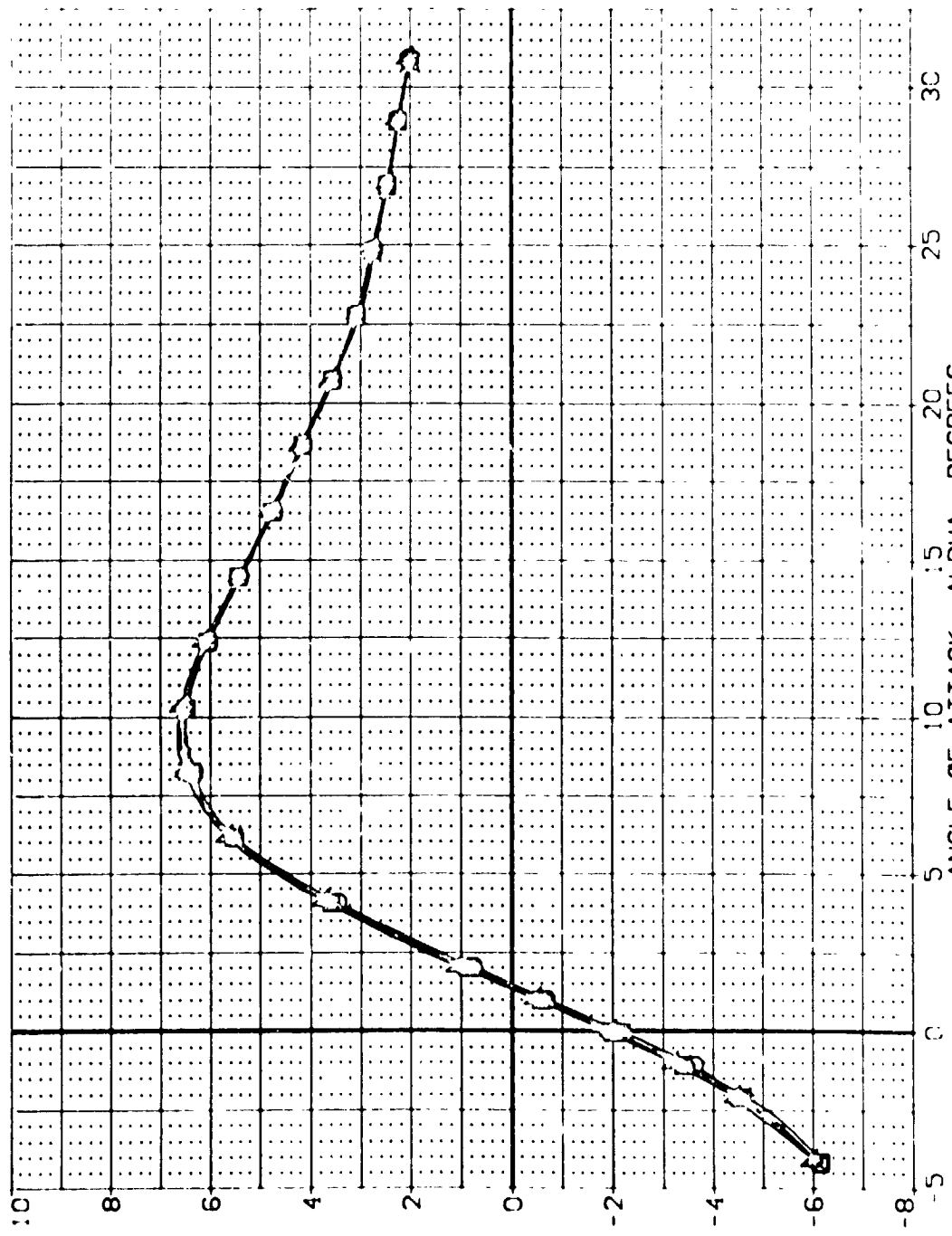


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE
 (A) VAC - .20 PAGE 1020

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRM	BOFLAP	RUDER	REFERENCE INFORMATION
[802240]	C1628 B76C9 M7E8 V116E28V8R5X9	.000	25.000	-12.000	.000	SREF 4.4119 SC117.5
[802245]	C1628 B76C9 M7E8 V116E33V8R5X9	.000	25.000	-12.000	.000	EXE 19.2298 SC117.5
[802257]	C1628 B76C9 M7E8 V116E34V8R5X9	.000	25.000	-12.000	.000	EXE 37.9359 SC117.5
[802261]	C1628 B76C9 M7E8 V116E35V8R5X9	.000	25.000	-12.000	.000	EXE 43.5974 SC117.5
[802262]	C1628 B76C9 M7E8 V116E36V8R5X9	.000	25.000	-12.000	.000	EXE 15.1875 SC117.5
						SCALE .0405

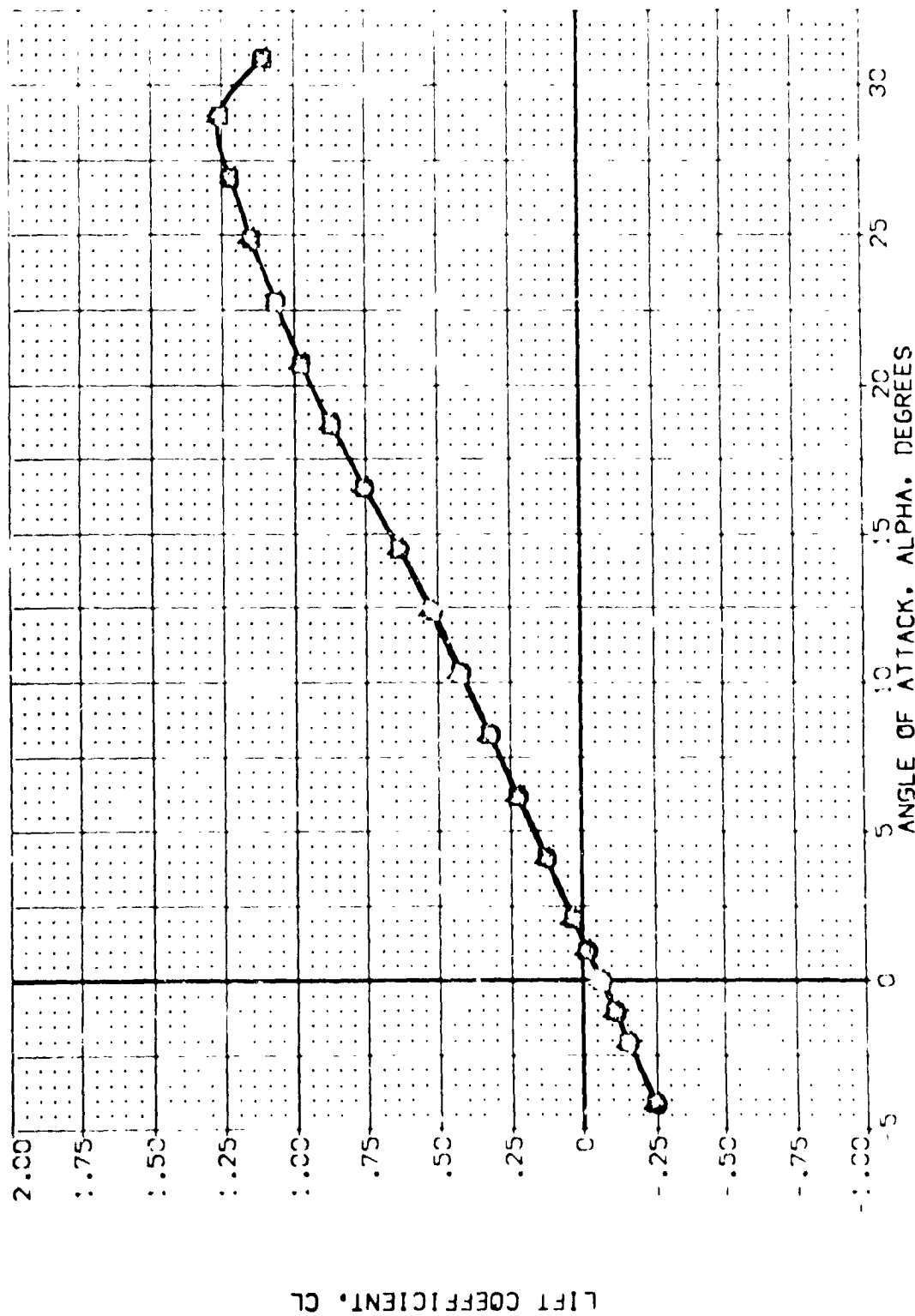


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE
 CALMAC .20 PAGE 1021

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SFDRK	BDLAP	RUDER	REFERENCE INFORMATION
(807243)	CA628 B26C9 M7F8 V116E28V8P5X9	.000	25.000	-12.000	.000	SREF 4.4119 SC. 1.000
(807256)	CA628 B26C9 M7F8 V116E33V8P5X9	.000	25.000	-12.000	.000	LREF 19.2223 SC. 1.000
(807261)	CA628 B26C9 M7F8 V116E34V8P5X9	.000	25.000	-12.000	.000	BREF 37.9339 SC. 1.000
(807262)	CA628 B26C9 M7F8 V116E35V8P5X9	.000	25.000	-12.000	.000	XREF 43.5974 SC. 1.000
						YREF .0000 SC. 1.000
						ZREF 15.1875 SC. 1.000
						SCALE .0405

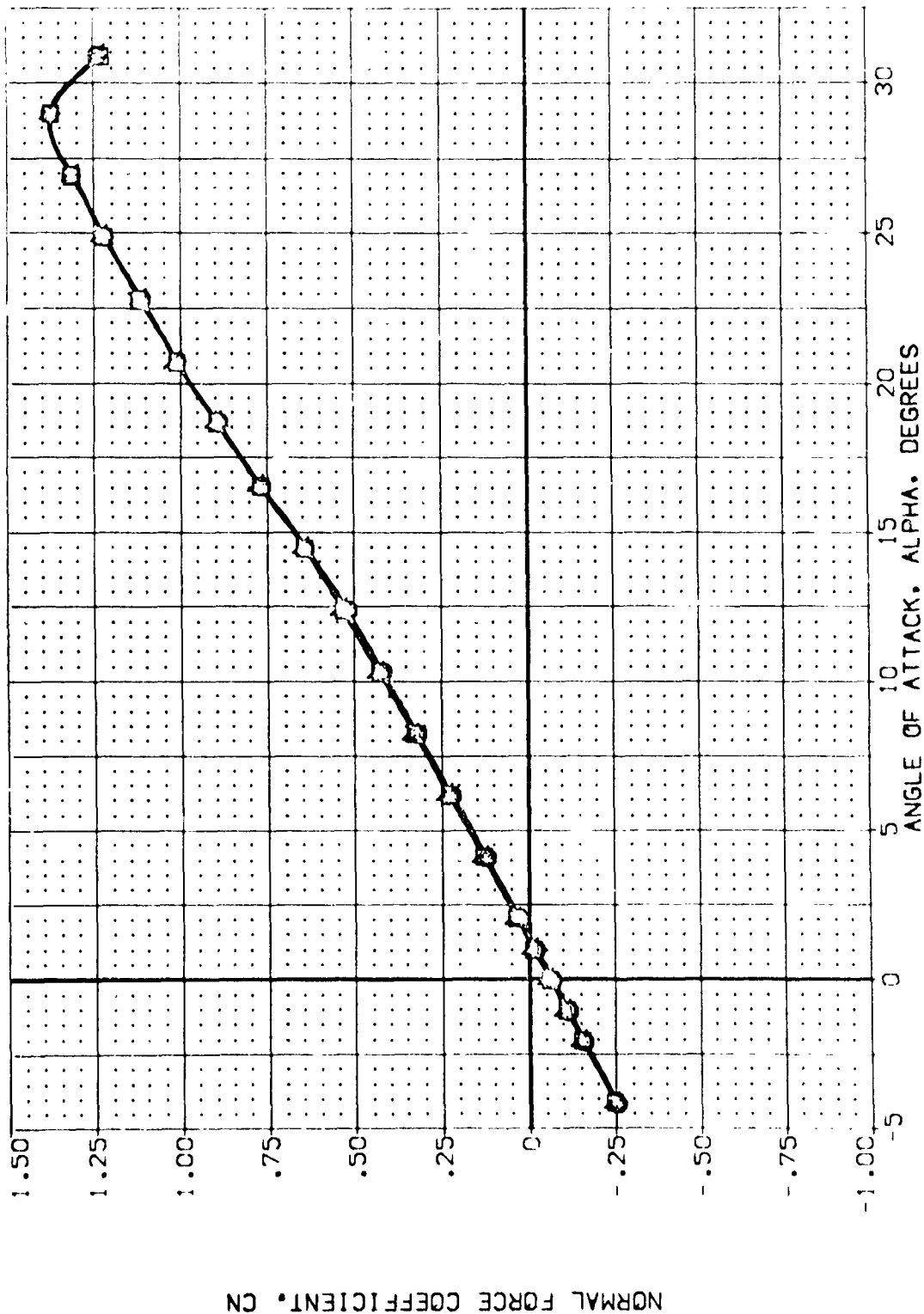


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE

(A)MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BOFLAP	PJORDER	REFERENCE INFORMATION
[BC7240]	CA628 B26C9 M7F8 V116E28V8PSX9	.000	25.000	-12.000	.000	SREF 4.4119
[BC7256]	CA628 B26C9 M7F8 V116E33V8PSX9	.000	25.000	-12.000	.000	LREF 19.2789
[BC7257]	CA628 B26C9 M7F8 V116E34V8PSX9	.000	25.000	-12.000	.000	BREF 37.9359
[BC7261]	CA628 B26C9 M7F8 V116E35V8PSX9	.000	25.000	-12.000	.000	XREF 43.5974
[BC7262]	CA628 B26C9 M7F8 V116E36V8PSX9	.000	25.000	-12.000	.000	YREF 15.0000
						ZREF 15.1875
						SCALE .0405

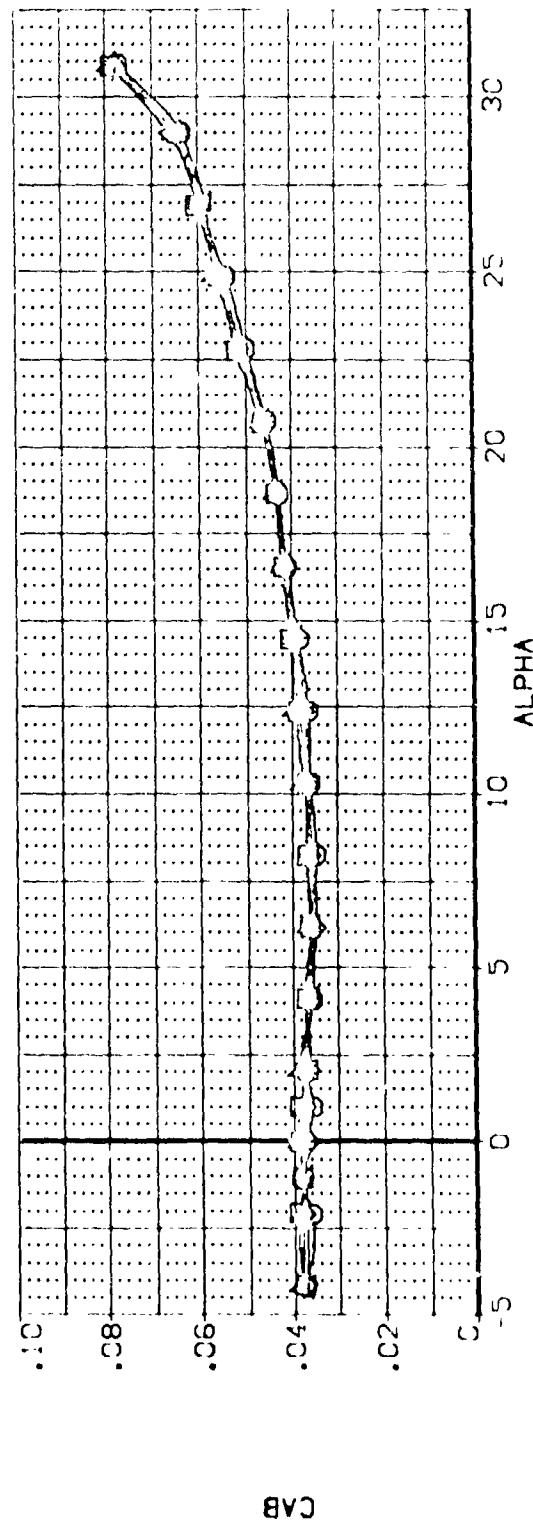
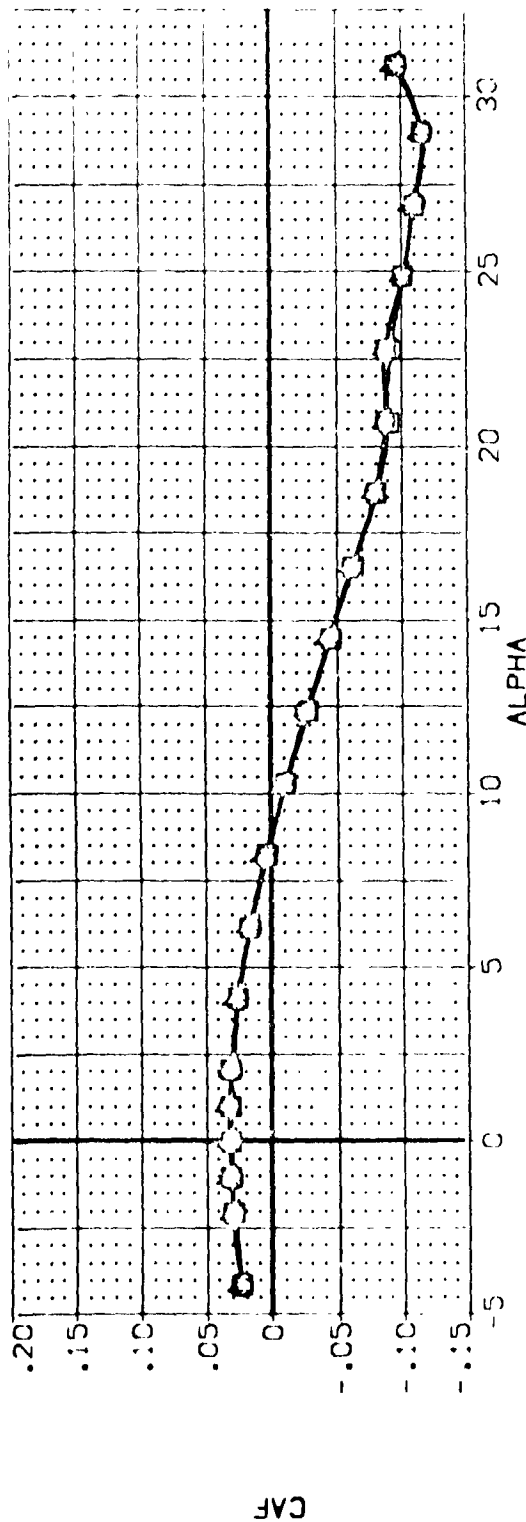


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0.25 FLARE
(A)MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRK	BOFLAP	RUDDER	REFERENCE INFORMATION
(807240)	DA628 B26C9 M7E8 V116E28VBR5X9	.000	25.000	-12.000	.000	SREF 4.4119 SC.F.T.
(807256)	DA628 B26C9 M7E8 V116E33VBR5X9	.000	25.000	-12.000	.000	LREF 19.2268 SC.F.T.
(807257)	DA628 B26C9 M7E8 V116E34VBR5X9	.000	25.000	-12.000	.000	BREF 37.9359 SC.F.T.
(807261)	DA628 B26C9 M7E8 V116E35VBR5X9	.000	25.000	-12.000	.000	XREF 43.5914 SC.F.T.
(807262)	DA628 B26C9 M7E8 V116E36VBR5X9	.000	25.000	-12.000	.000	YREF .0000 SC.F.T.
						ZREF 15.1815 SC.F.T.
						SCALE .0405

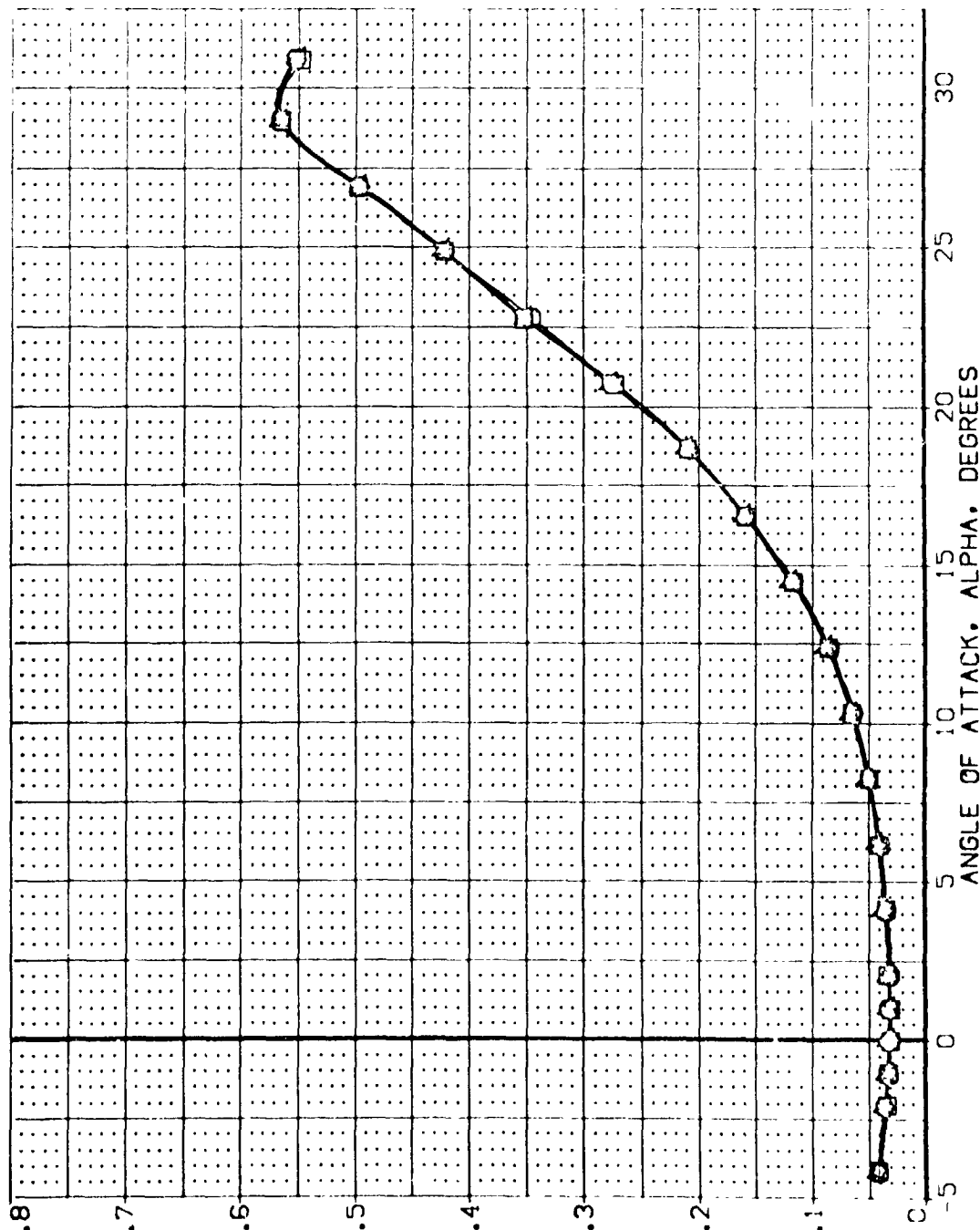


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE

CASMAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRM	BOLAP	RJODER	REFERENCE INFORMATION
(BC7243)	CA628 B7629 W7F8 V116238V8P5X9	.000	25.000	-12.000	.000	SCALE 4.4119
(BC7256)	CA628 B7629 W7F8 V116238V8P5X9	.000	25.000	-12.000	.000	SCALE 4.4119
(BC7257)	CA628 B7629 W7F8 V116238V8P5X9	.000	25.000	-12.000	.000	SCALE 4.4119
(BC7261)	CA628 B7629 W7F8 V116238V8P5X9	.000	25.000	-12.000	.000	SCALE 4.4119
(BC7262)	CA628 B7629 W7F8 V116238V8P5X9	.000	25.000	-12.000	.000	SCALE 4.4119

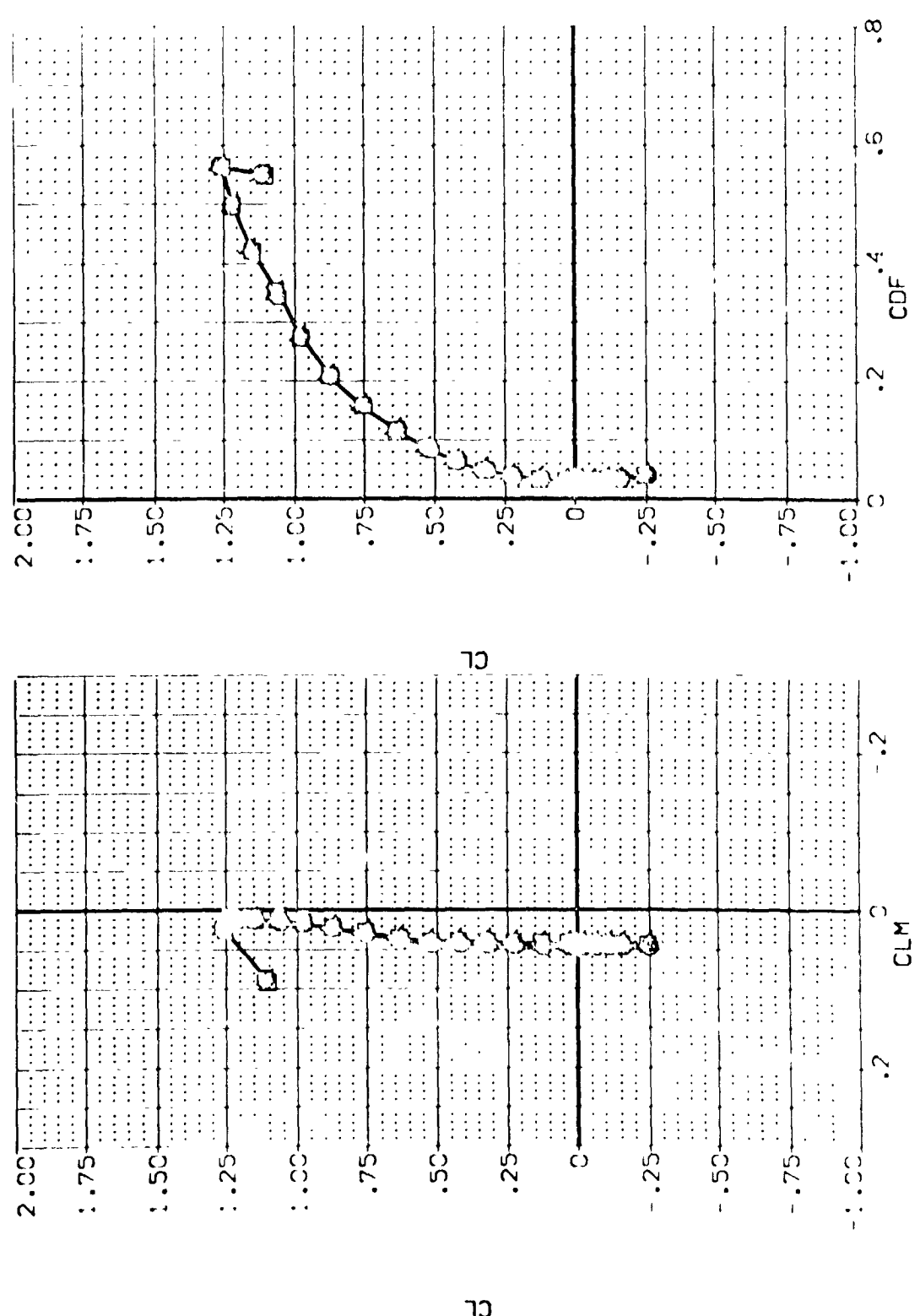


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0.25 FLARE
 CADDAC = .20

LONGITUDINAL CENTER OF PRESSURE, XCP/L

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BDFLAP	RUDDER	REFERENCE INFORMATION
[BDZ74C]	CA628 B26C9	.000	25.000	-12.000	.000	SPFF 4.4119 SCALE
[BDZ756]	CA628 B26C9	.000	25.000	-12.000	.000	SPFF 4.4119 SCALE
[BDZ757]	CA628 B26C9	.000	25.000	-12.000	.000	SPFF 4.4119 SCALE
[BDZ761]	CA628 B26C9	.000	25.000	-12.000	.000	SPFF 4.4119 SCALE
[BDZ762]	CA628 B26C9	.000	25.000	-12.000	.000	SPFF 4.4119 SCALE

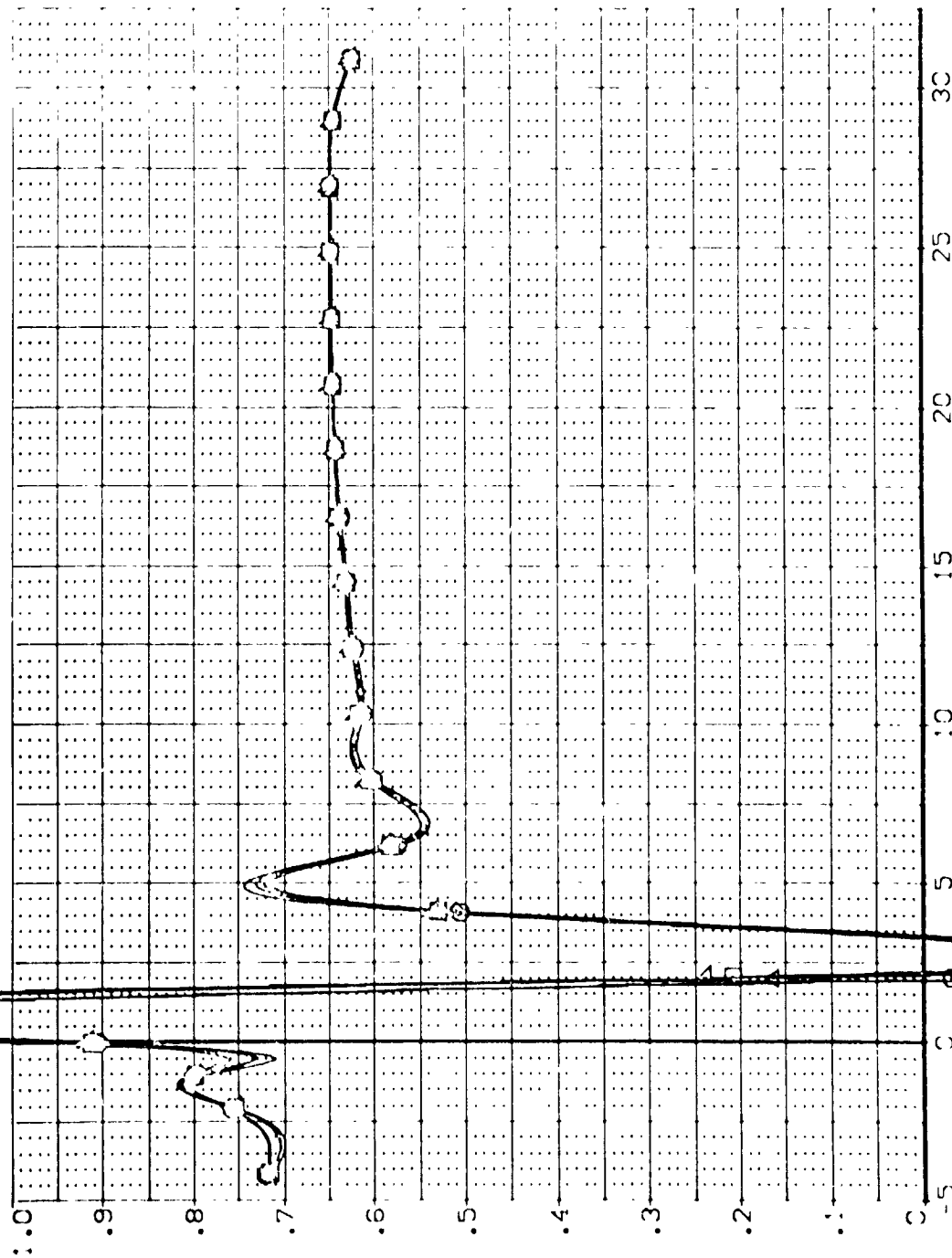


FIG 87 EFFECT OF VARYING ELEVON AND ELEVON-FUSELAGE GAP, ELEVON = 0, 25 FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDER	REFERENCE INFORMATION
[BC7244]	CA628 B26C9 MTF8 V116E29V8F5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCF7.5
[BC7246]	CA628 B26C9 MTF8 V116E29V8F5X9	.000	25.000	-12.000	.000	LREF 19.2289 SCF7.5
[BC7242]	CA628 B26C9 MTF8 V116E29V8F5X9	5.000	25.000	-12.000	.000	BREF 37.9359 SCF7.5
[BC7245]	CA628 B26C9 MTF8 V116E29V8F5X9	15.000	25.000	-12.000	.000	XREF 43.5974 SCF7.5
						YREF .0000 SCF7.5
						ZREF 15.1875 SCF7.5
						SCALE .0405

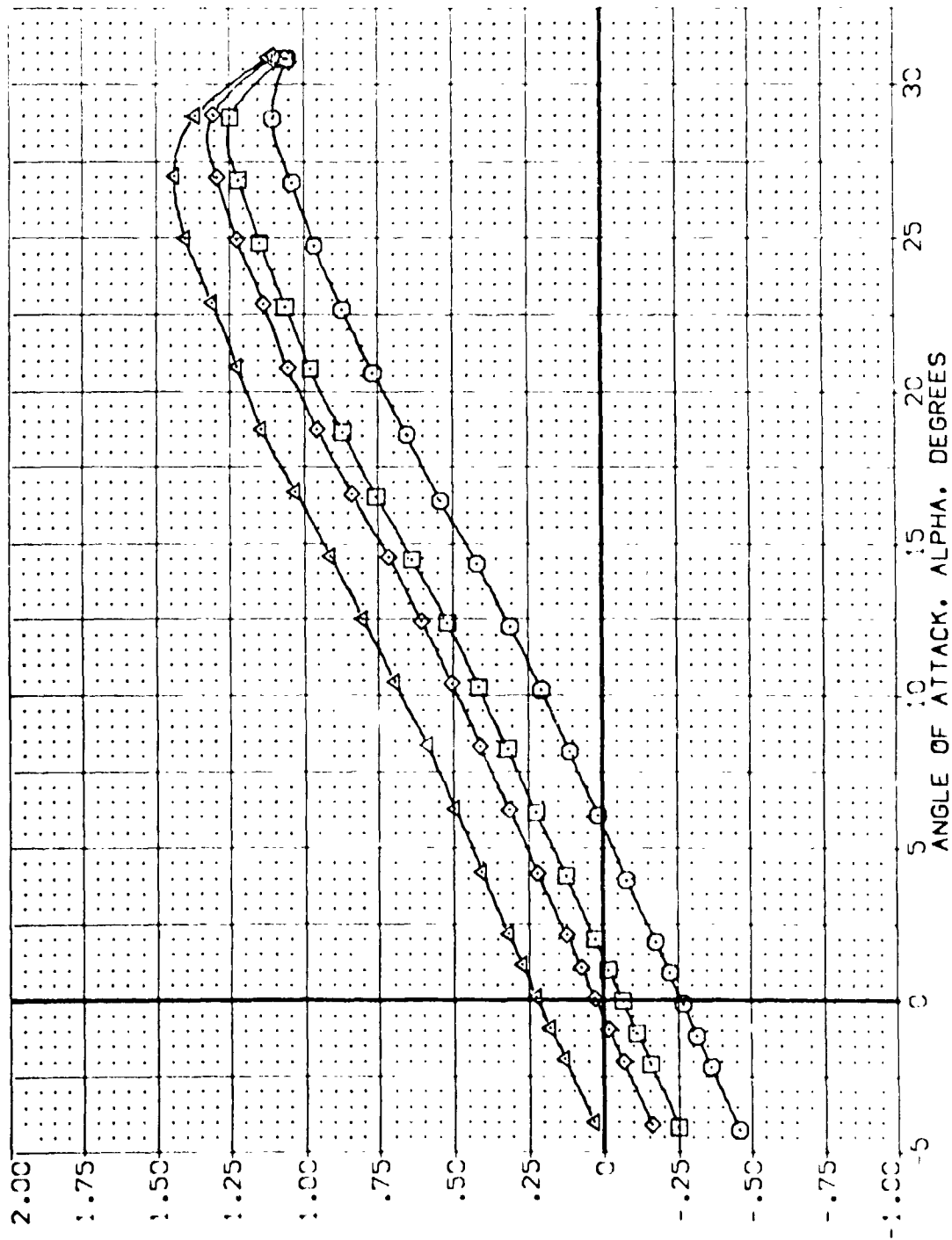


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

CAVAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BDLAP	RJODER	REFERENCE INFORMATION
(BCZ244)	DA628 B26C9 W7F8 V116E29V8F5X9	-10.000	25.000	-12.000	.000	SREF 4.419 SCALE
(BCZ245)	DA628 B26C9 W7F8 V116E29V8F5X9	.000	25.000	-12.000	.000	LREF 19.2299 SCALE
(BCZ242)	DA628 B26C9 W7F8 V116E29V8F5X9	5.000	25.000	-12.000	.000	BREF 37.9379 SCALE
(BCZ243)	DA628 B26C9 W7F8 V116E29V8F5X9	15.000	25.000	-12.000	.000	XREF 43.5871 SCALE
						ZREF .0000 SCALE
						SCALE 15.1875 SCALE

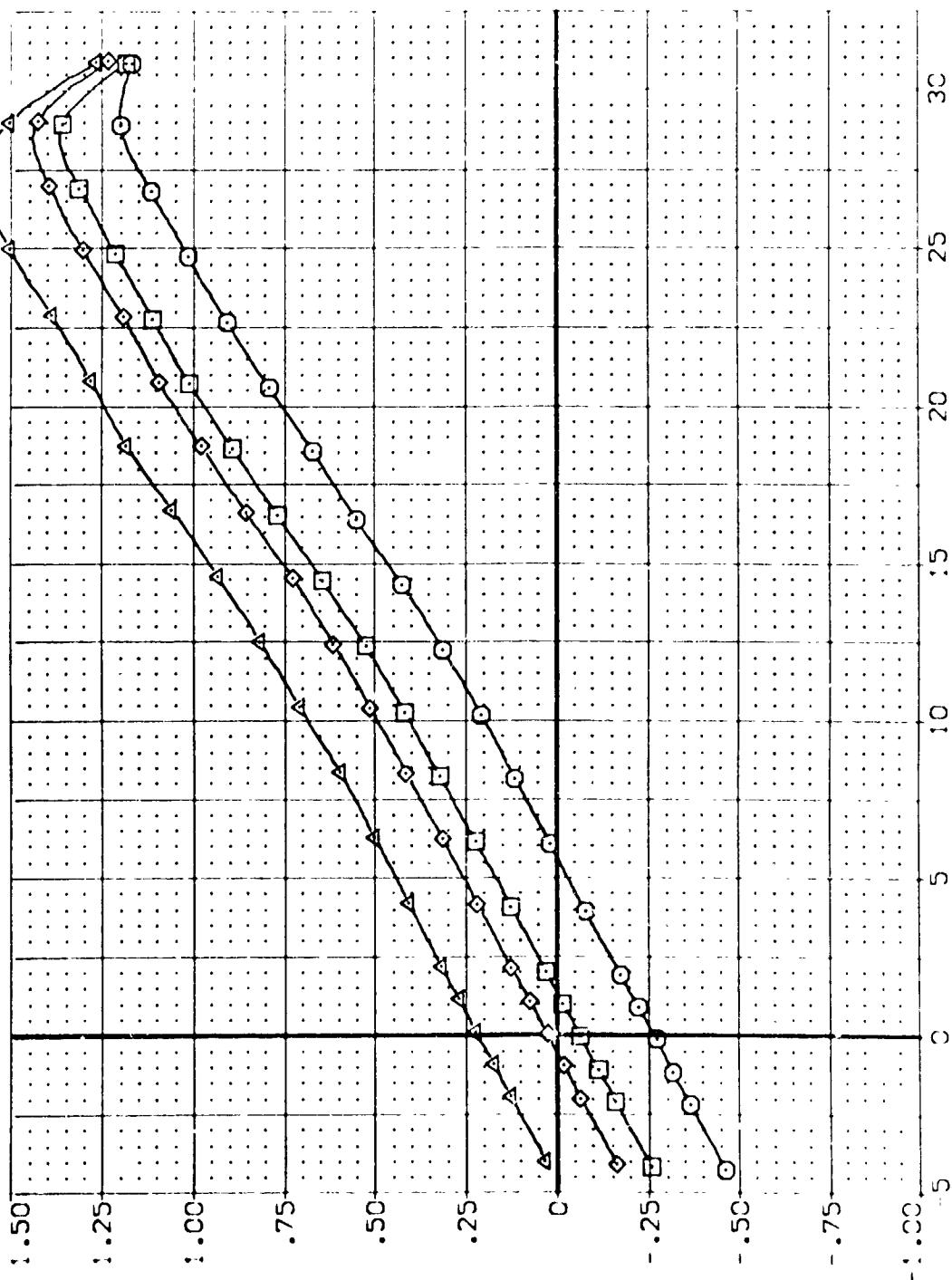


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

CADAC- .2C

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDDER	REFERENCE INFORMATION
(BDJ244)	Q CAG28 BZ6C9 M7E8 V11E29V8P5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCALARS
(BDJ246)	X CAG28 BZ6C9 M7E8 V11E29V8P5X9	.000	25.000	-12.000	.000	LRFF 19.2299 SCALARS
(BDJ242)	X CAG28 BZ6C9 M7E8 V11E29V8P5X9	5.000	25.000	-12.000	.000	BRFF 37.9359 SCALARS
(BDJ245)	X CAG28 BZ6C9 M7E8 V11E29V8P5X9	15.000	25.000	-12.000	.000	XRFF 43.5974 SCALARS
						VMPP .0000 SCALARS
						ZMPP 15.1875 SCALARS
						SCALE .0405

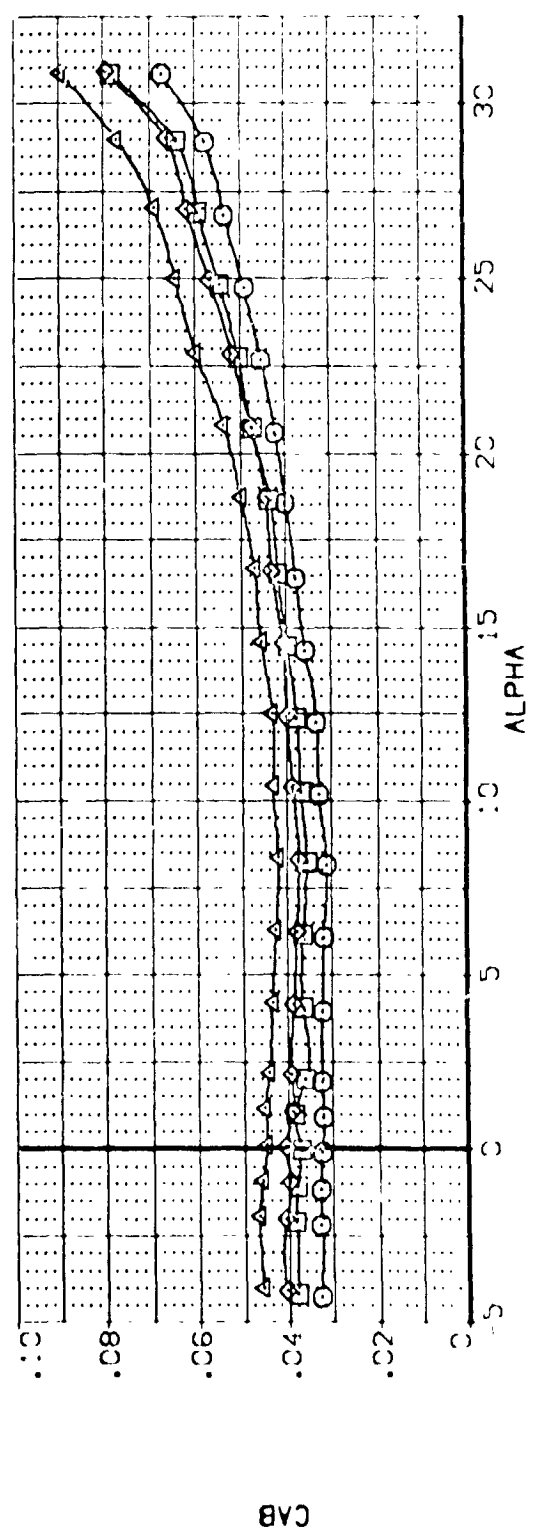
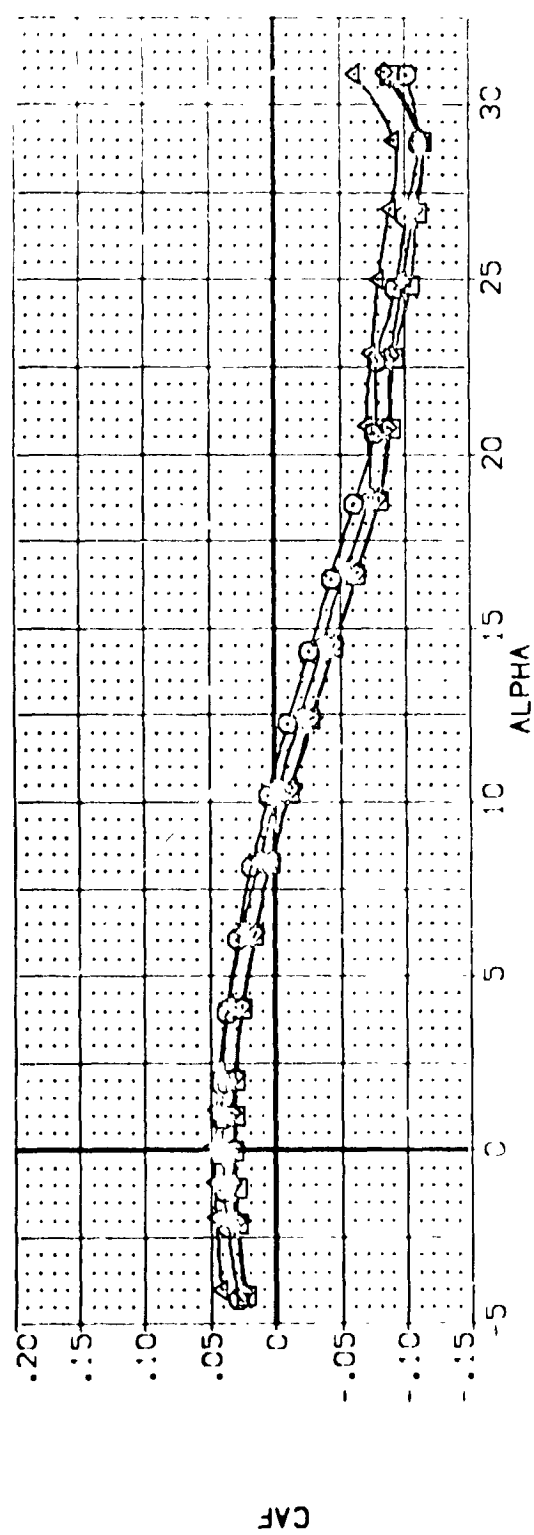


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

CASMAC = .20

DATA SET SY-BOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION SCALE

DATA SET SY-BOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BOFLAP	RUDDER	REF	SCALE
(BD2244)	WTFB	-10.000	25.000	-12.000	.000	4.419	SCAL
(BD2245)	WTFB	.000	25.000	-12.000	.000	9.2369	SCAL
(BD2242)	WTFB	5.000	25.000	-12.000	.000	37.9359	SCAL
(BD2243)	WTFB	15.000	25.000	-12.000	.000	43.5974	SCAL
						15.1675	SCAL

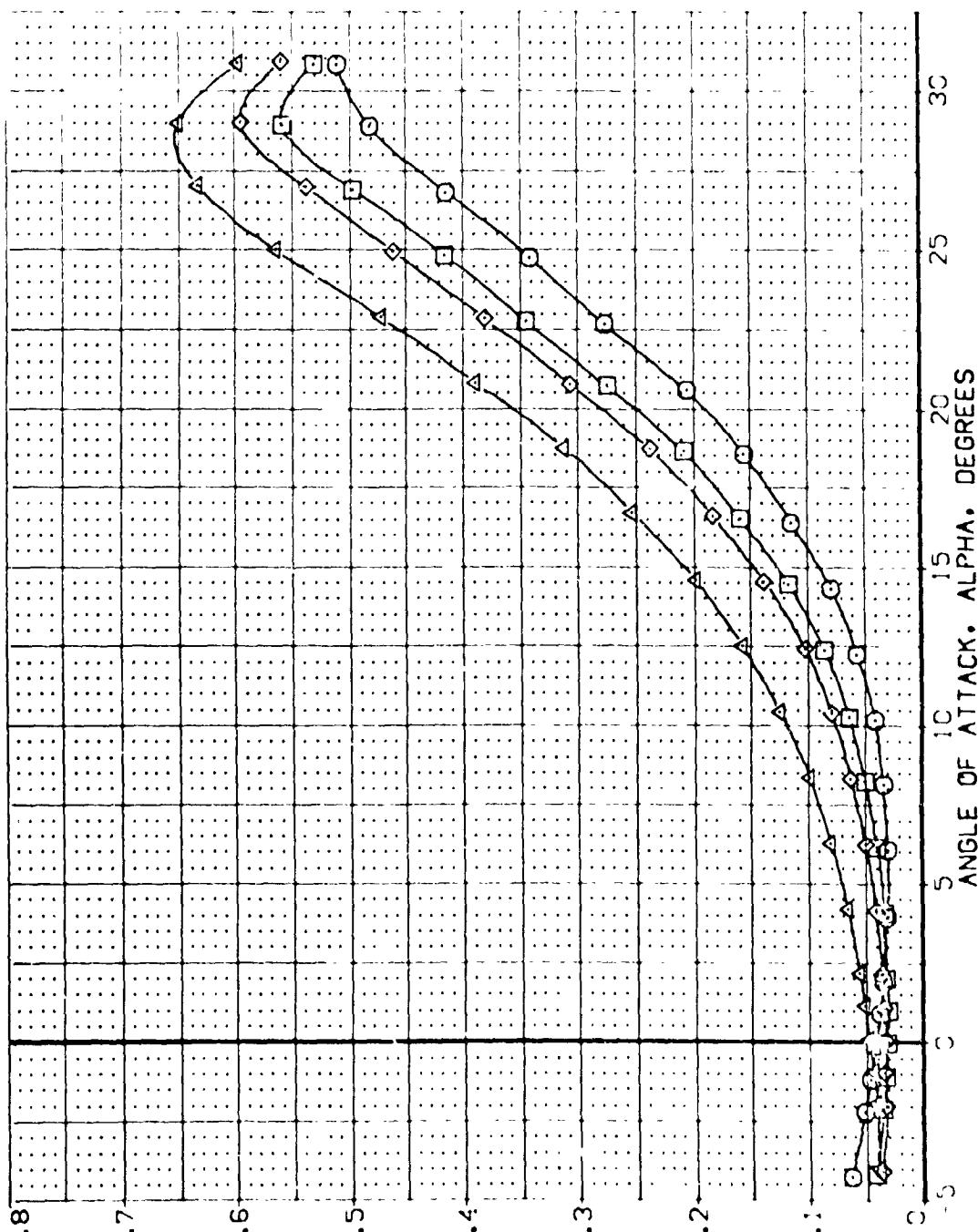


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRN	BOFLAP	RJODER	REFERENCE INFORMATION
(BC2744)	Q 0AS28 B26C9 M7E8 V116E28/8P5X9	-10.000	25.000	-12.000	.000	SREF 4.4119
(BC2746)	Q 0A628 B26C9 M7E8 V116E28/8P5X9	.000	25.000	-12.000	.000	PRF 19.2289
(BC2742)	Q 0A628 B26C9 M7E8 V116E28/8P5X9	5.000	25.000	-12.000	.000	BRF 37.8359
(BC2745)	Q 0A628 B26C9 M7E8 V116E28/8P5X9	15.000	25.000	-12.000	.000	ARF 43.5559
						YREF .0000
						ZREF .0000
						SCALE 15.1875
						SCALE .0425

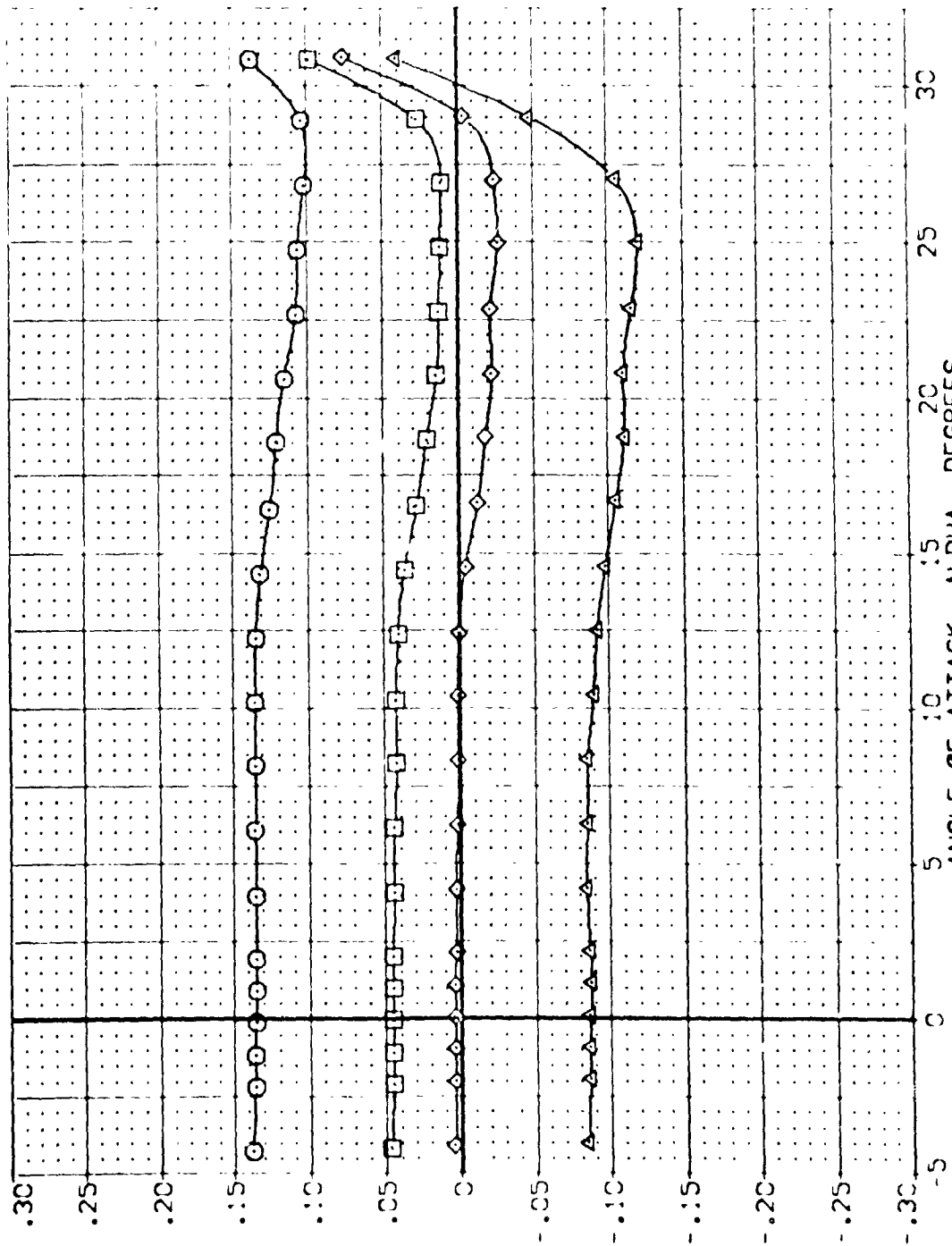


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

(A) MAG. .20

ELEVON	SPOBRK	BOLAP	RLOOR	REFERENCE IN SPMA
10.000	26.000	-12.000	.000	SAFE 4-1189
" "	26.000	-12.000	.000	DYE 1-2799
5.000	26.000	-12.000	.000	BOX E 3799
15.000	26.000	-12.000	.000	XRAY 4-5802
				XRAY 5-5802
				ZAPP 15-B03
				SCALE S-OFCO
				5.555555
				8.000000
				5.000000

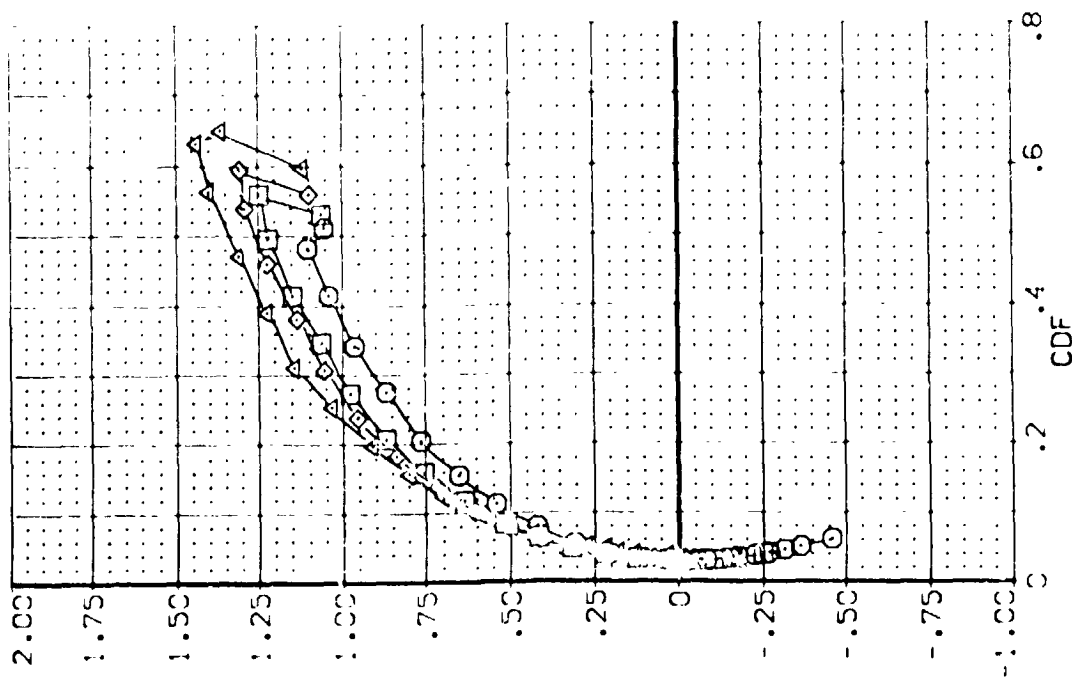
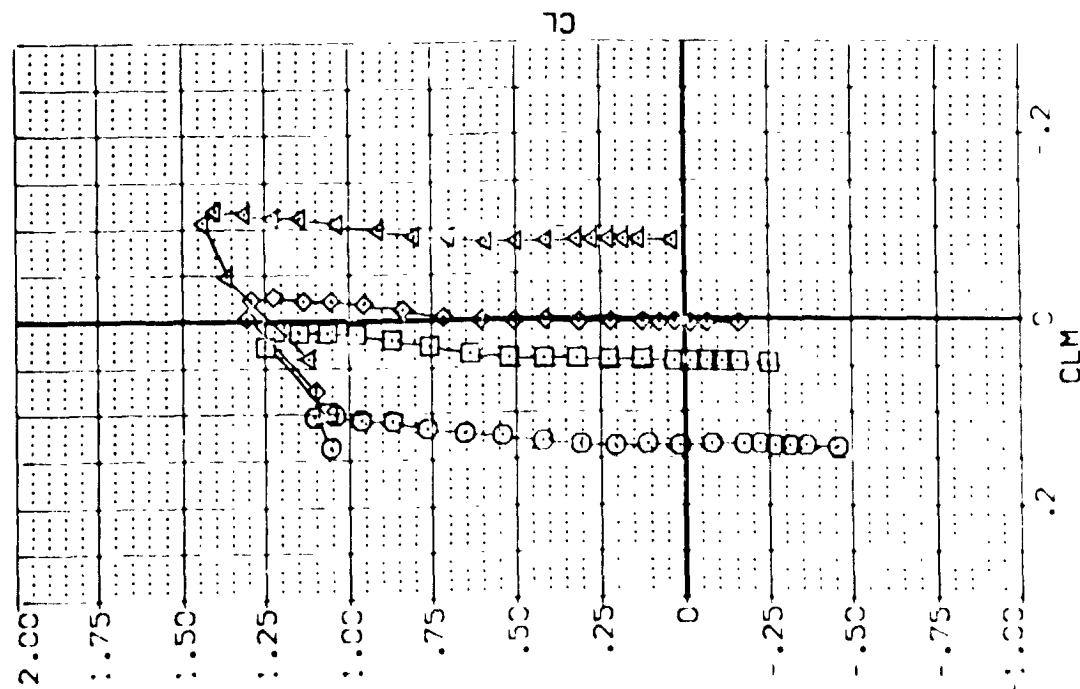


FIG 88 ELEVEN EFFECTIVENESS, E29, 25 DEG. FLARE

LONGITUDINAL CENTER OF PRESSURE, XCP/L

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BUFLAP	RUDDER	REFERENCE INFORMATION
[802244]	D4628 B76C9	-10.000	25.000	-12.000	.000	SREF 4.4119
[802245]	D4628 B76C9	5.000	25.000	-12.000	.000	REF 19.2298
[802246]	D4628 B76C9	15.000	25.000	-12.000	.000	REF 37.9359
[802247]	D4628 B76C9					REF 43.5974
[802248]	D4628 B76C9					REF 51.8715
						SCALE .0405

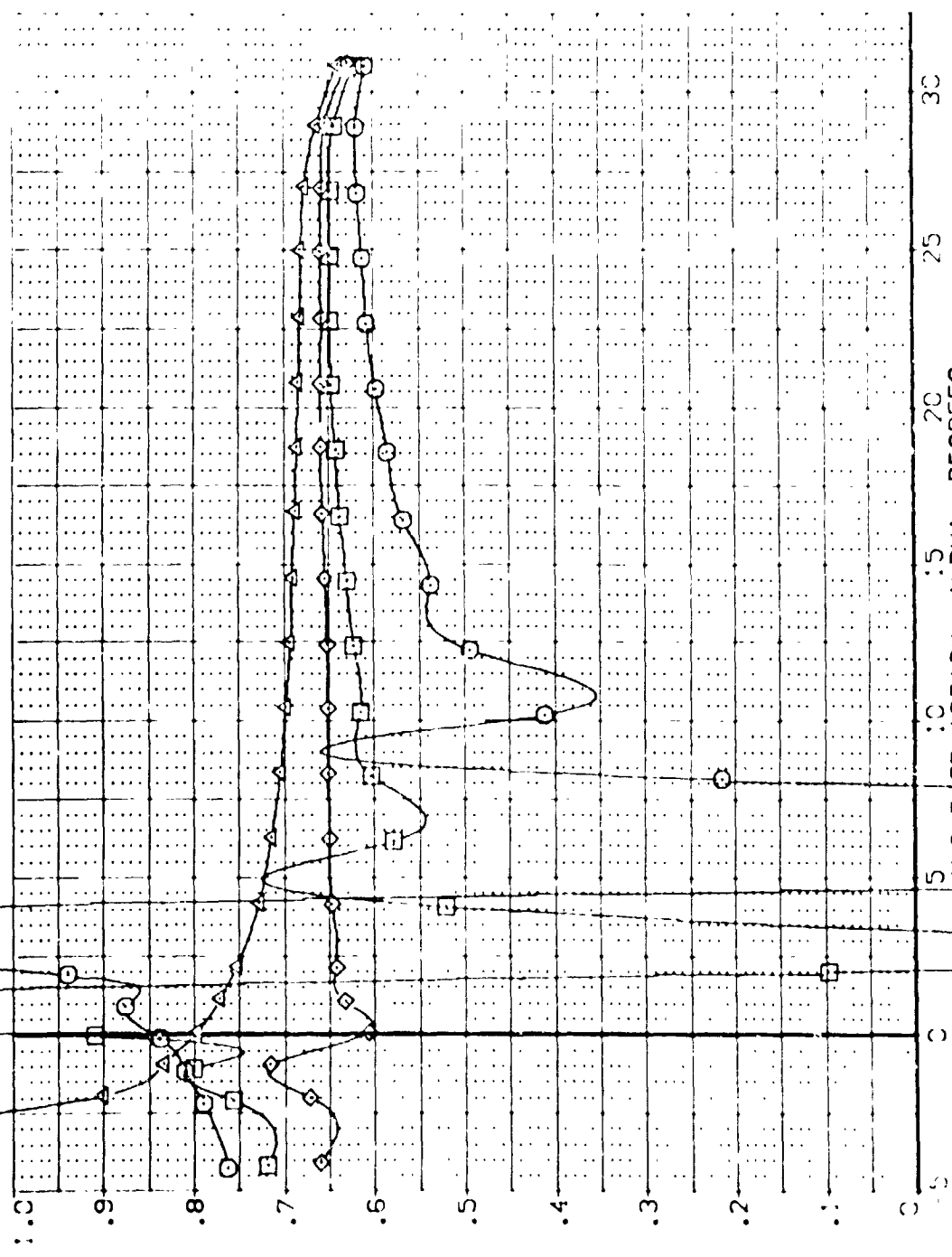


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BOFLAP	RUDOX	REFERENCE INFORMATION
(80Z214)	CA628 B76C9 M7F8 V116E29V8R5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCALE 5
(80Z216)	CA628 B76C9 M7F8 V116E29V8R5X9	5.000	25.000	-12.000	.000	LRF 19.2399 SCALE 5
(80Z242)	CA628 B76C9 M7F8 V116E29V8R5X9	5.000	25.000	-12.000	.000	BREF 37.9399 SCALE 5
(80Z245)	CA628 B76C9 M7F8 V116E29V8R5X9	15.000	25.000	-12.000	.000	XREF 43.5974 SCALE 5
						YREF .0000 SCALE 5
						ZREF 15.1815 SCALE 5
						SCALE .0405

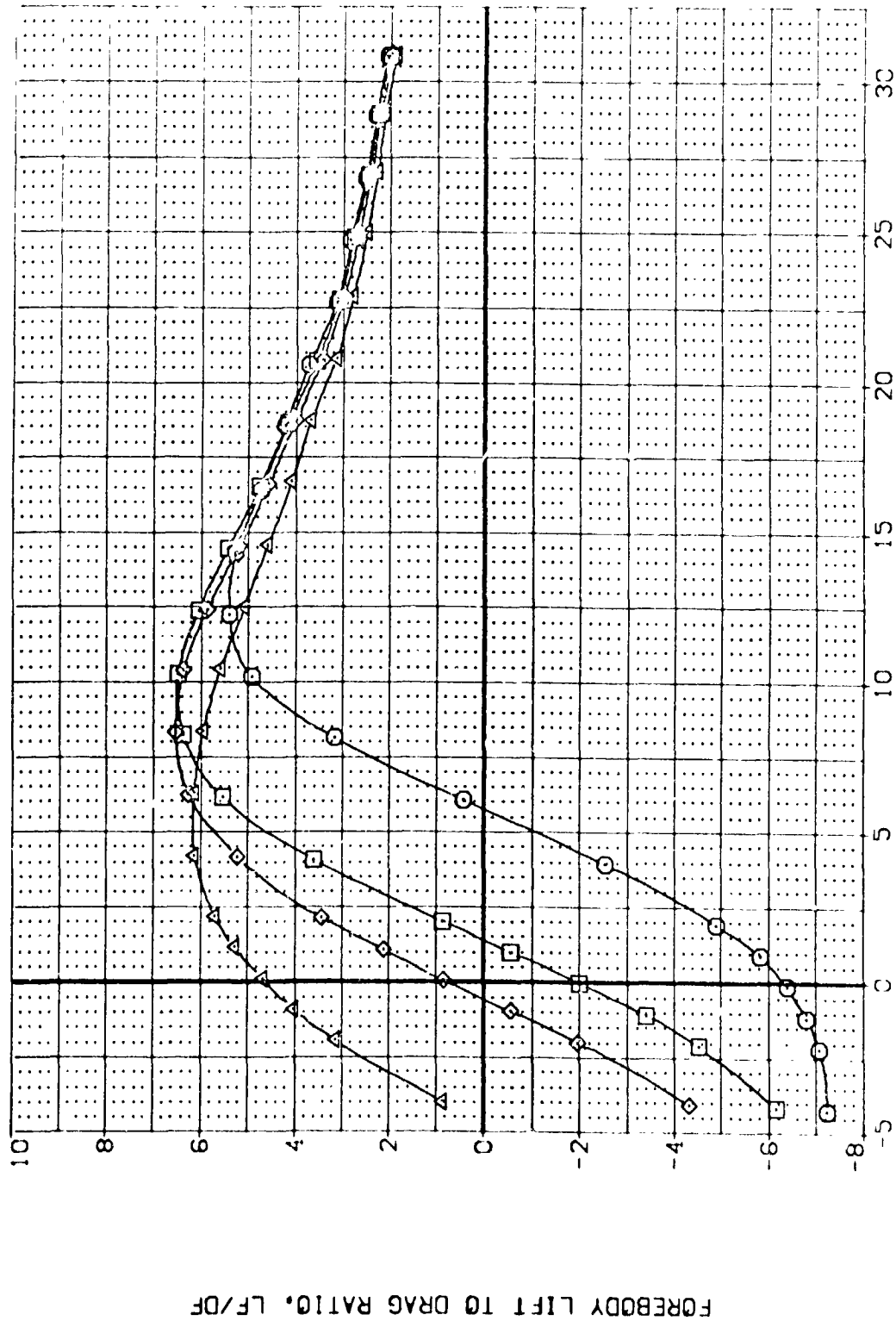


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

(A)YAC = .20

0A628 B26C9 M7F8 W116E29V8R5X9 (EDZ244)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
		MACH	BDLAP	DELTA	DELTA	DELTA	DELTA	SPREF	SCALE	SCALE	SCALE
○	.000	.200	.000	.000	.000	.000	.000	REF	19.2758	INCHES	INCHES
		AILRON	RJODER	EDZ244	EDZ242	EDZ245	EDZ245	REF	37.9359	INCHES	INCHES
		SPDRK	BETA	.000	.000	.000	.000	REF	43.5974	INCHES	INCHES
								REF	15.1875	INCHES	INCHES
								REF	10.405	INCHES	INCHES

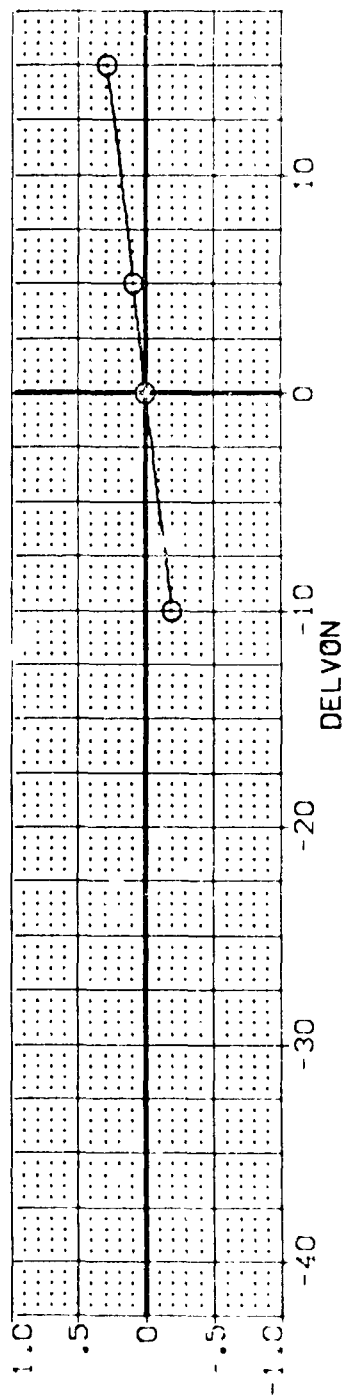
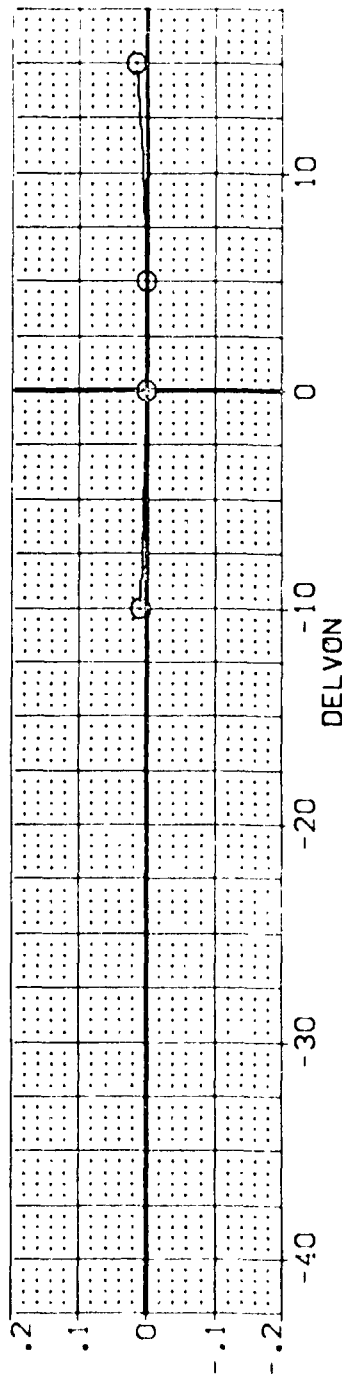
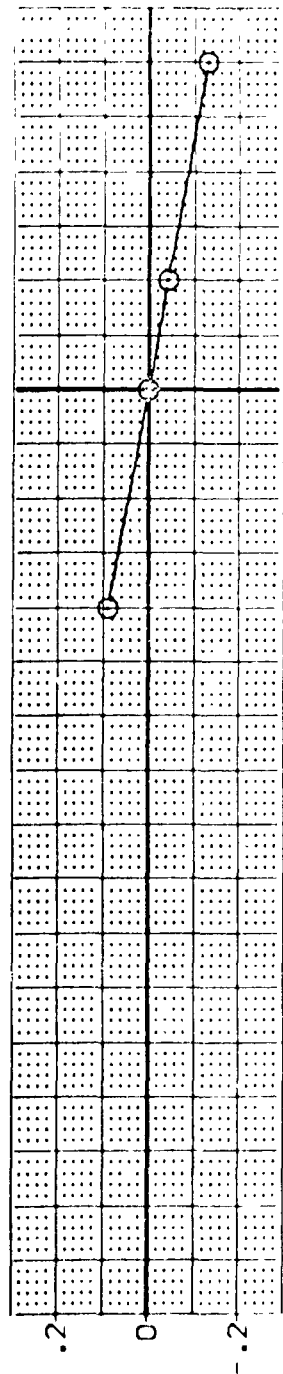


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

0A62B B26C9 M7F8 W116E29V8R5X9 (EDZ244)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	DELVON	DATASET	DELVON	SREF	REFERENCE INFORMATION
○	10.000								
			.200	BOFLAP	-12.000	EDZ244	-10.000	4.4119	SO.FT
			.000	RUDDER	.000	EDZ244	5.000	19.2289	NG.FS
			25.000	BE ^{TA}	.000	EDZ242	15.000	37.9359	NG.FS
								43.5974	NG.FS
								.0000	NG.FS
								15.1875	NG.FS
								.0405	SCALE

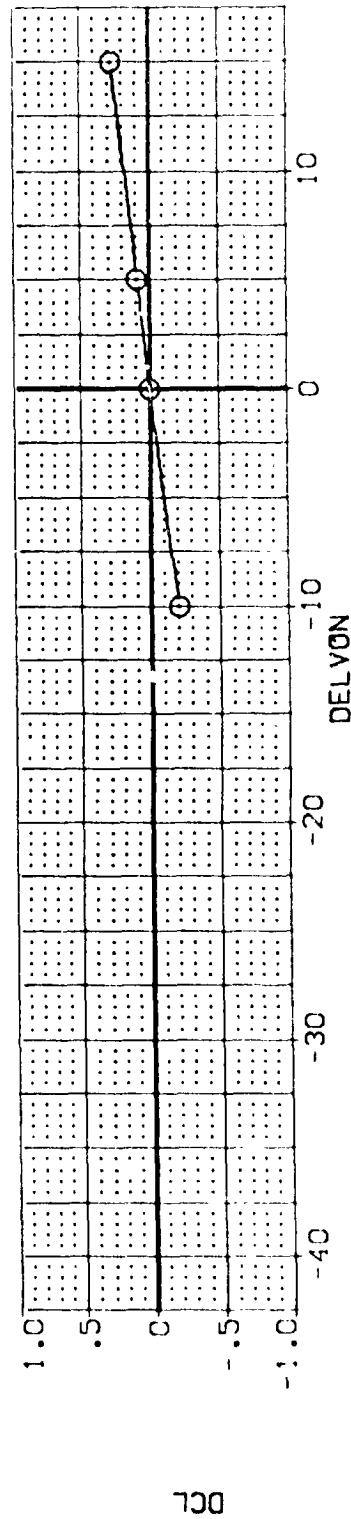
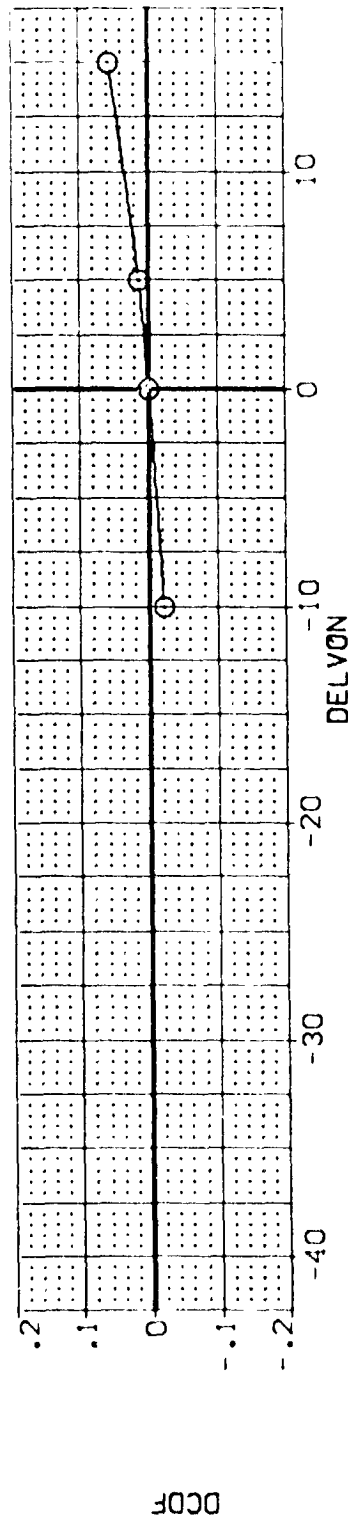
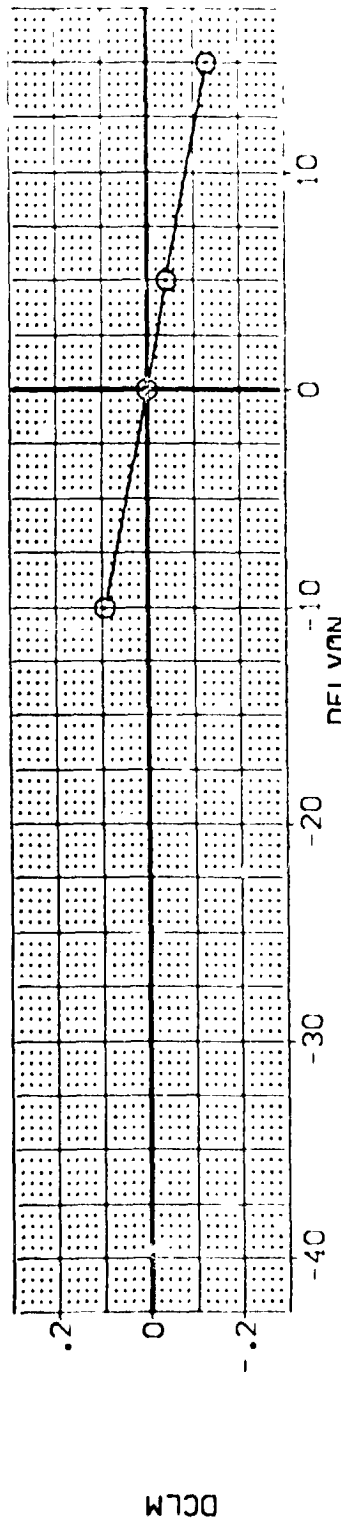


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

(532244)

ALPHA
15.000

ALPHA
15.000
MACH
ALIRON
SP08RX

PARAMETRIC VALUES	
.200	BOFLAP
.000	RUDDER
25.000	BETA

DATA SOURCE
DELVON
-10.000
5.000

DATASET	DELVON	SREF
EOZ246	.000	LREF
EOZ245	15.000	BREF
		YM60

REFERENCE INFORMATION

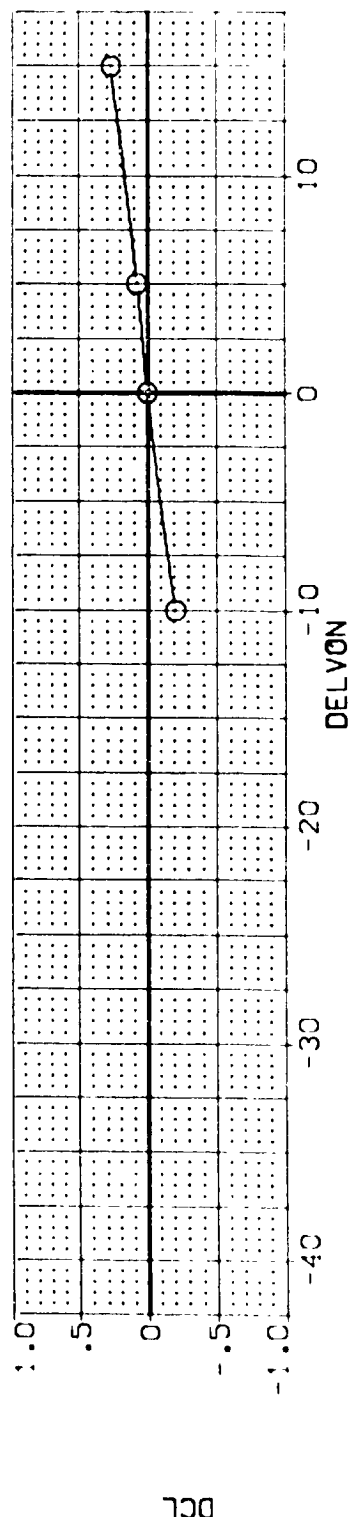
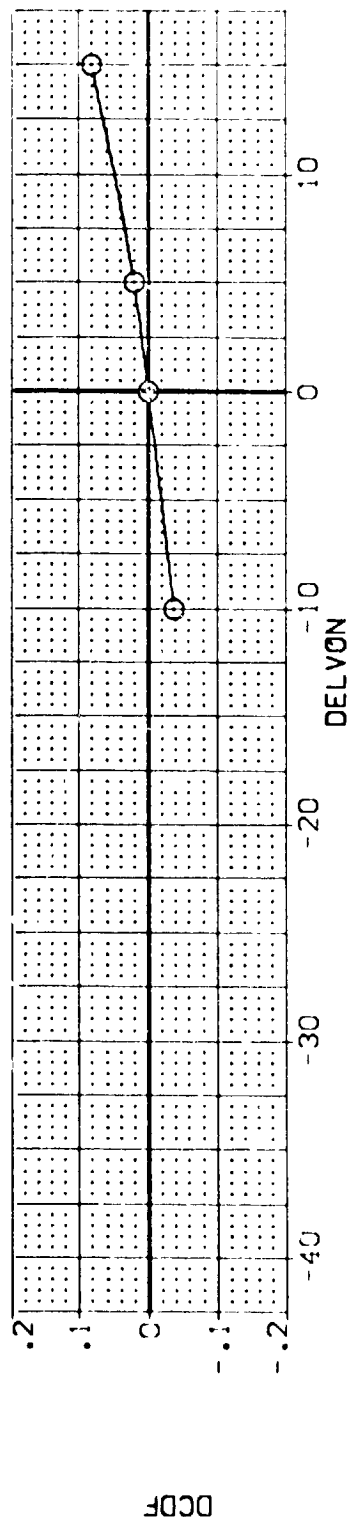
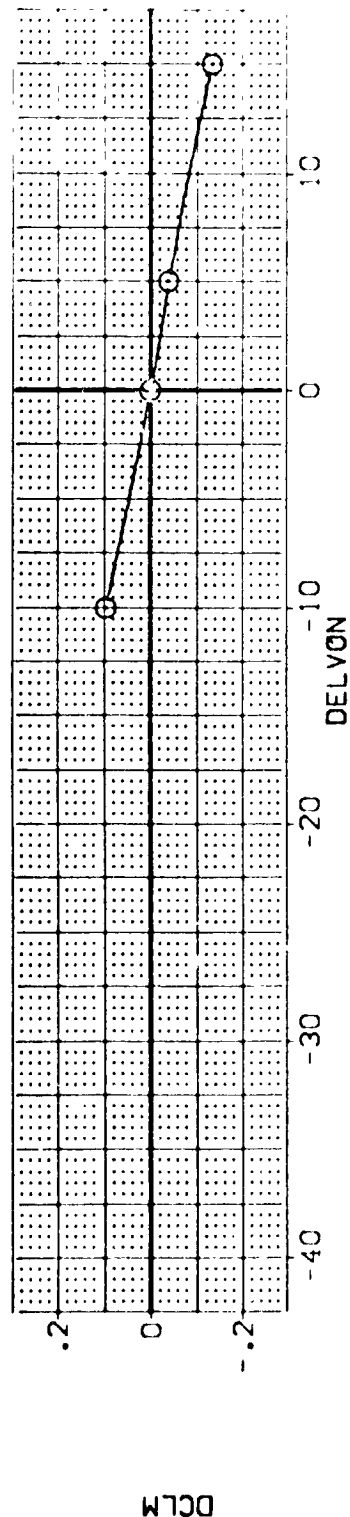


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

(EDZ244)

W116E29V8R5X9

87F3

B 826C9

٢٥

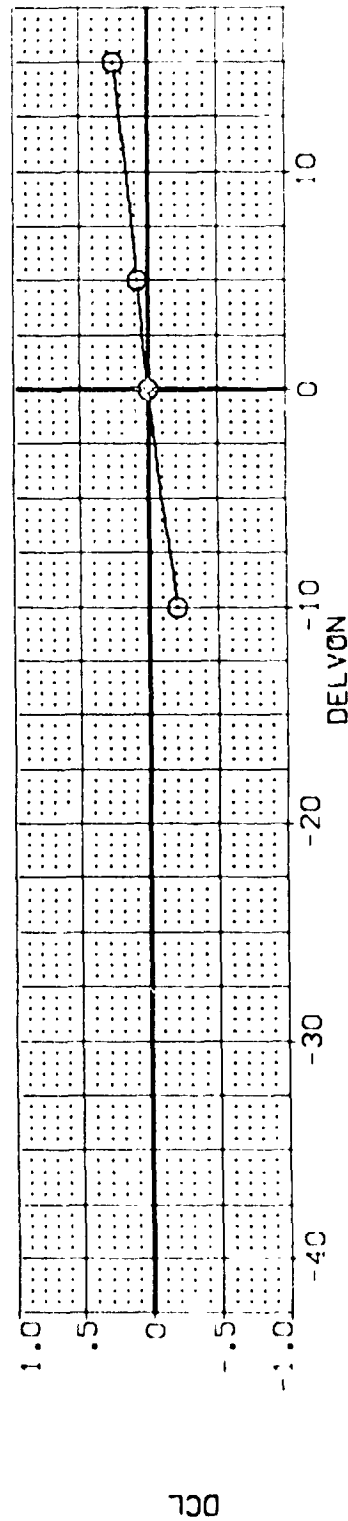
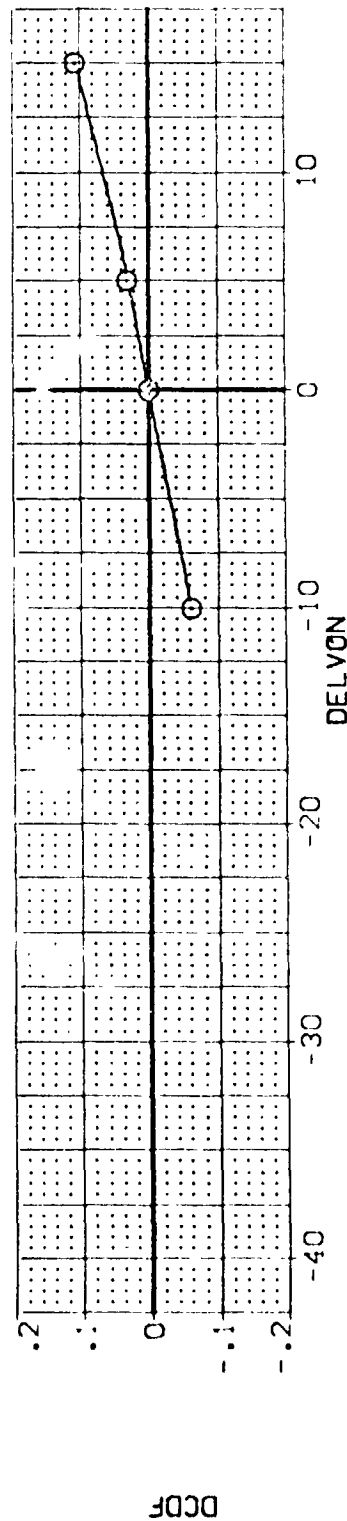
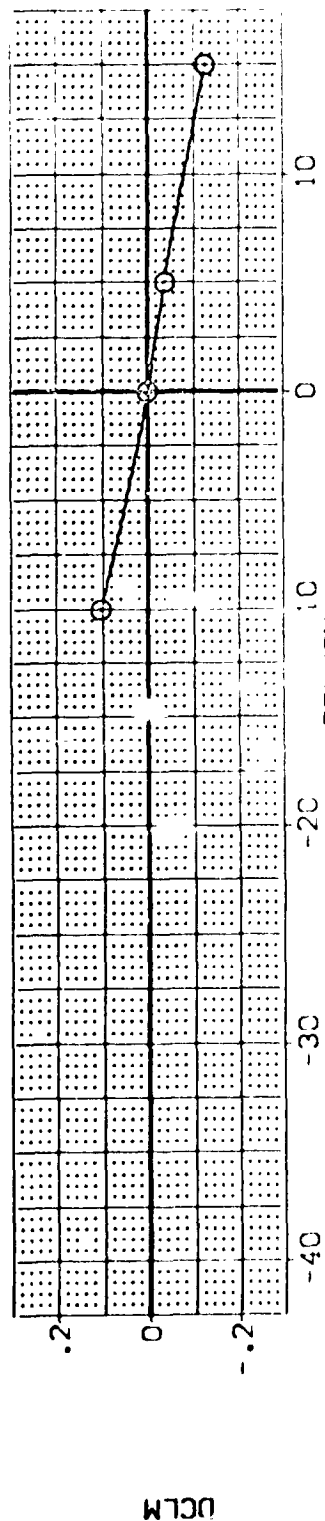
[illegible]

FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

Topics

ALPHA
25.000

MACH
AIRLON
SPDRX

PAFAMETRIC VALUES

DATA SOURCE	DATASET	DELVEN
-12.000	EDZ244	-10.000
.000	EDZ242	5.000

DATASET	DELVON	SREF
EDZ246	.000	LREF
EDZ245	15.000	SREF

REFERENCE INFORMATION

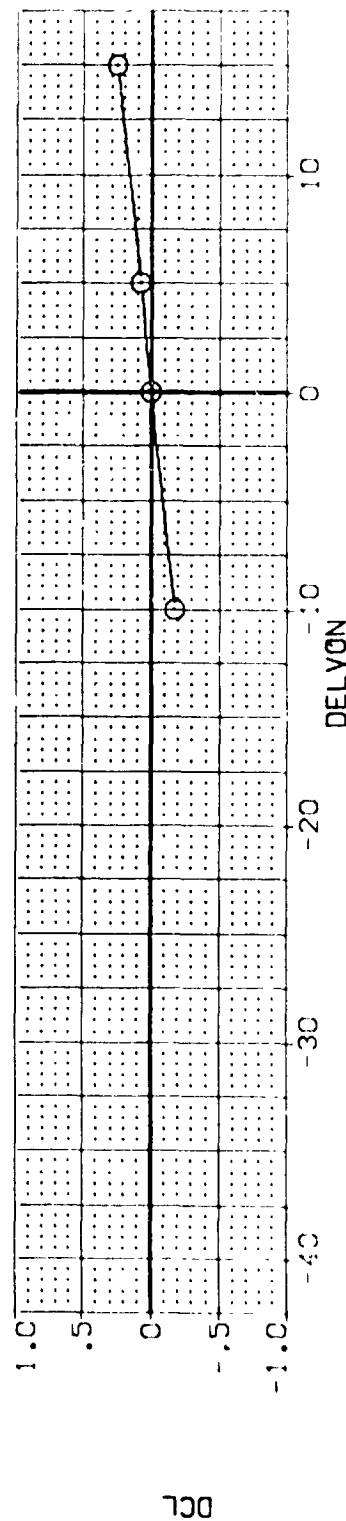
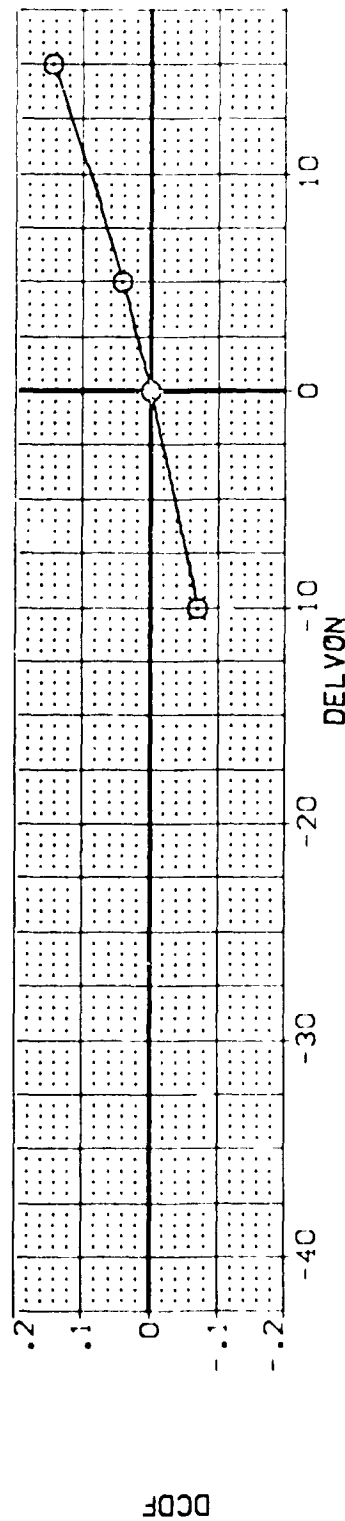
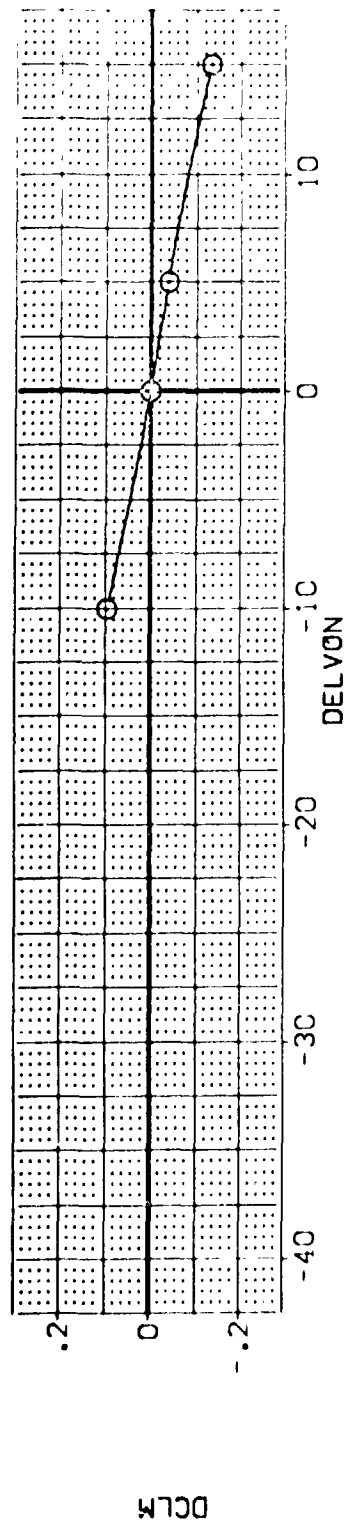


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

(EDZ244)

W116E29V8R5X9

M7F8

B26C9

0A62B

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
0	30.000	A1LRON	.200 BOFLAP	DELTON	SREF 4.4119
		SPDRPK	.000 RLODER	EDZ246	LRPF 19.2289
			25.000 BETA	EDZ245	BRPF 37.9359
					XMRP 43.5971
					YMRP .0000
					ZMRP 15.1875
					SCALE .0400

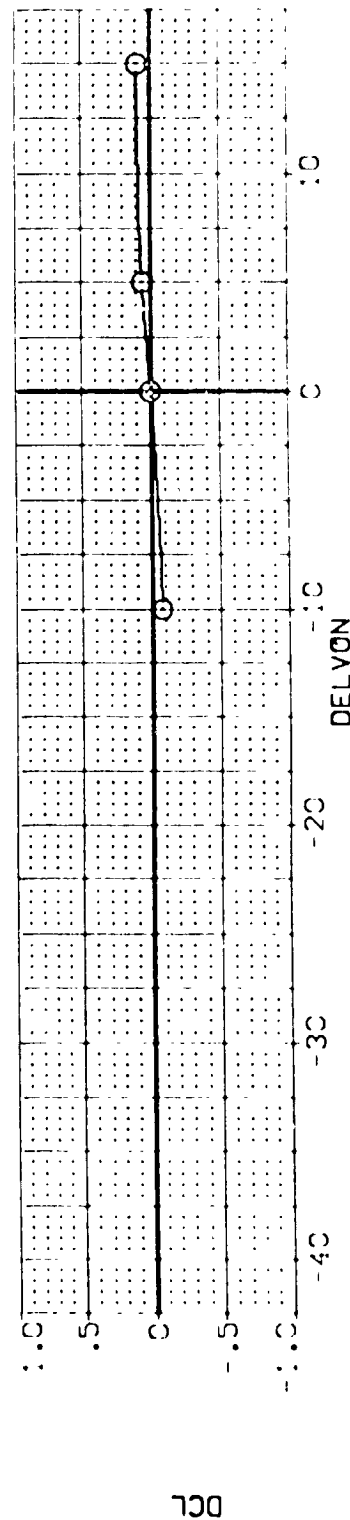
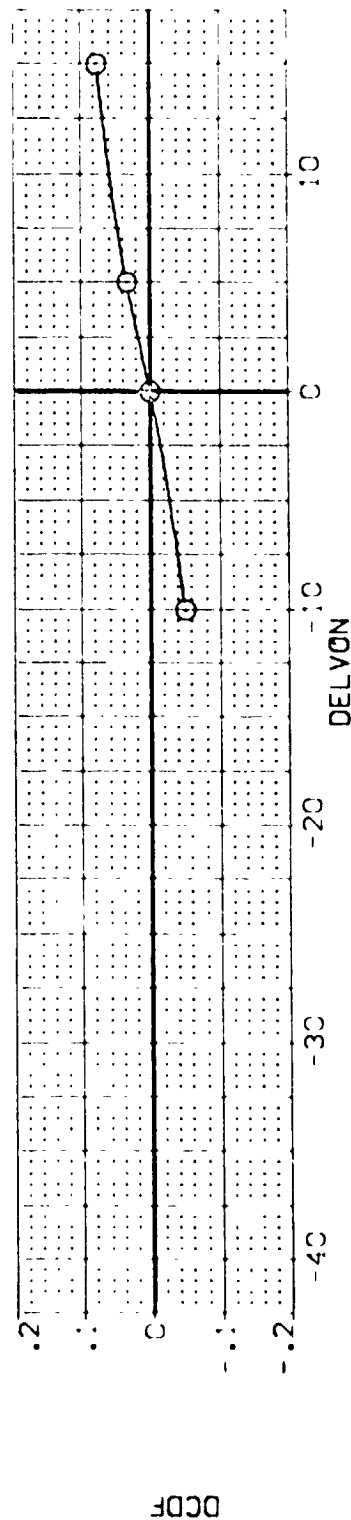
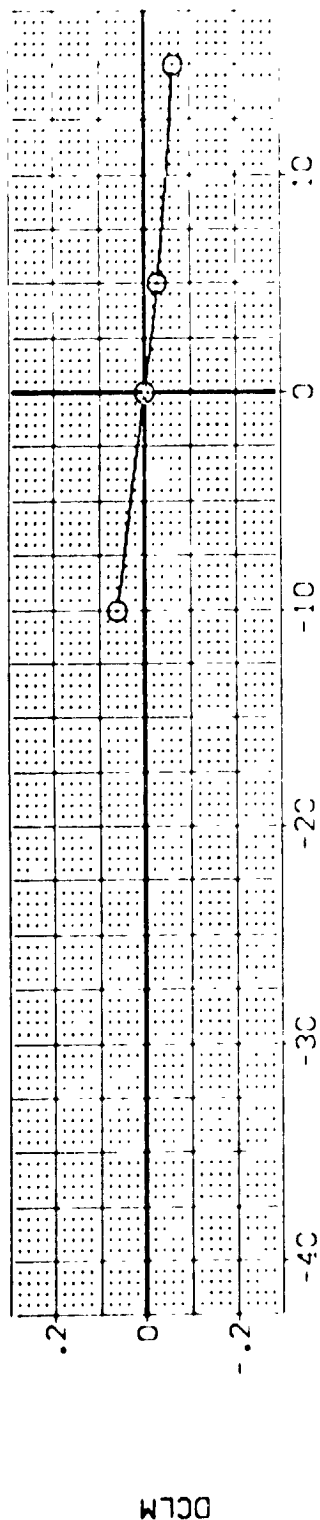


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

0A62B 826C9 M7F8 W116E29V8R5X9 (EDZ244)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES			DATA SOURCE			REFERENCE INFORMATION		
○	5.000	AIRLON	.200	BD FLAP	-12.000	DATASET	DEL VON	SREF	4.4119	SCALE	SCAL
		SPOBRK	.000	RUDER	.000	EDZ244	.000	LRP	19.2299		SCAL
			25.000	BETA	.000	EDZ242	15.000	BRF	37.9359		SCAL
								XMRP	43.5974		SCAL
								YMRP	.0000		SCAL
								ZMRP	15.1875		SCAL
								SCALE	.0405		SCAL

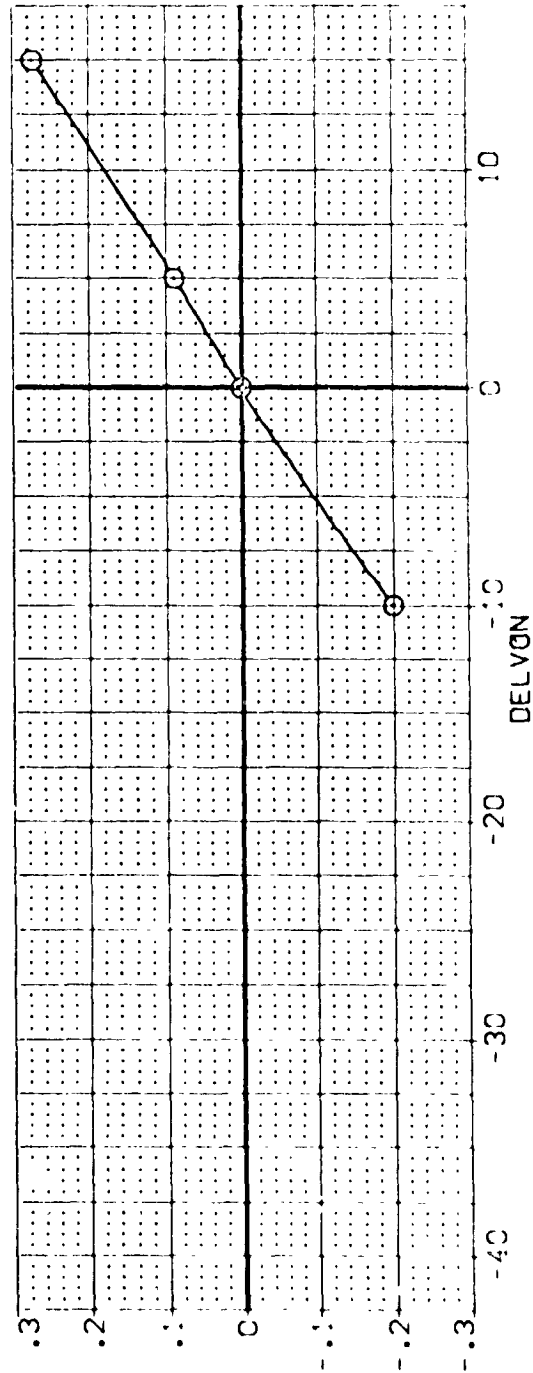
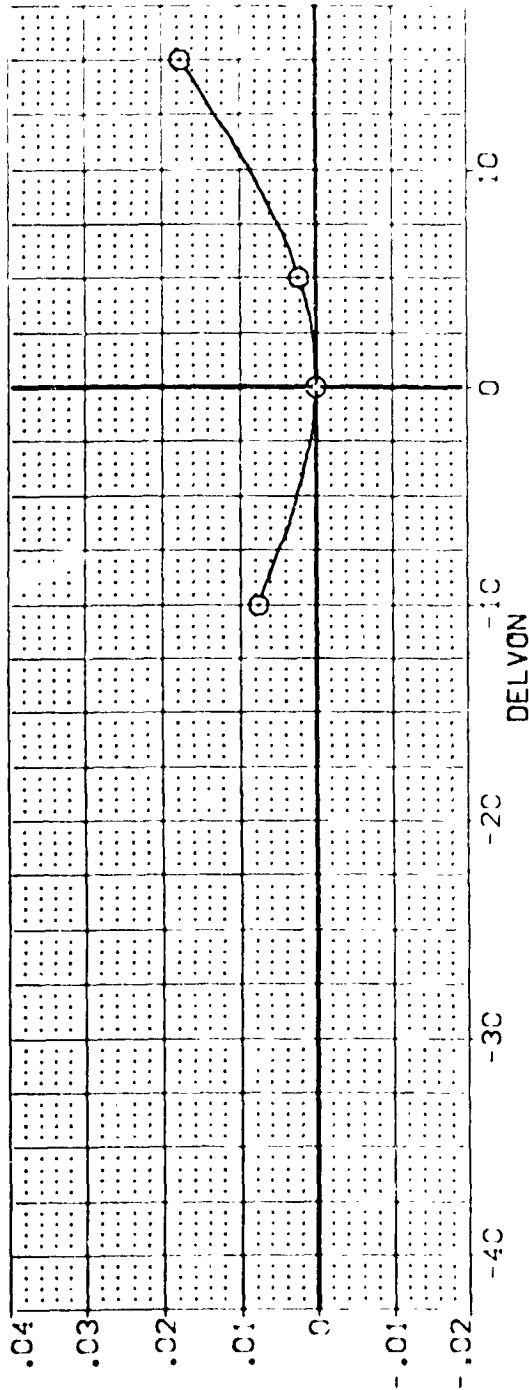


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

○

FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

CA628 B26C9 M7F8 W:16E29V8R5X9 (EDZ244)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
		MACH	BDFLAP	RJODER	BETA	DELTON	DATASET	DELTON	SREF	REF	SCALE
○	15.000	.200	.000	.000	.000	-10.000	EDZ244	.000	19.2298	19.2298	10.000
		SPDRK	25.000	BETA		5.000	EDZ242	15.000	37.9359	37.9359	10.000
									43.5974	43.5974	10.000
									15.1875	15.1875	10.000
									15.1875	15.1875	10.000

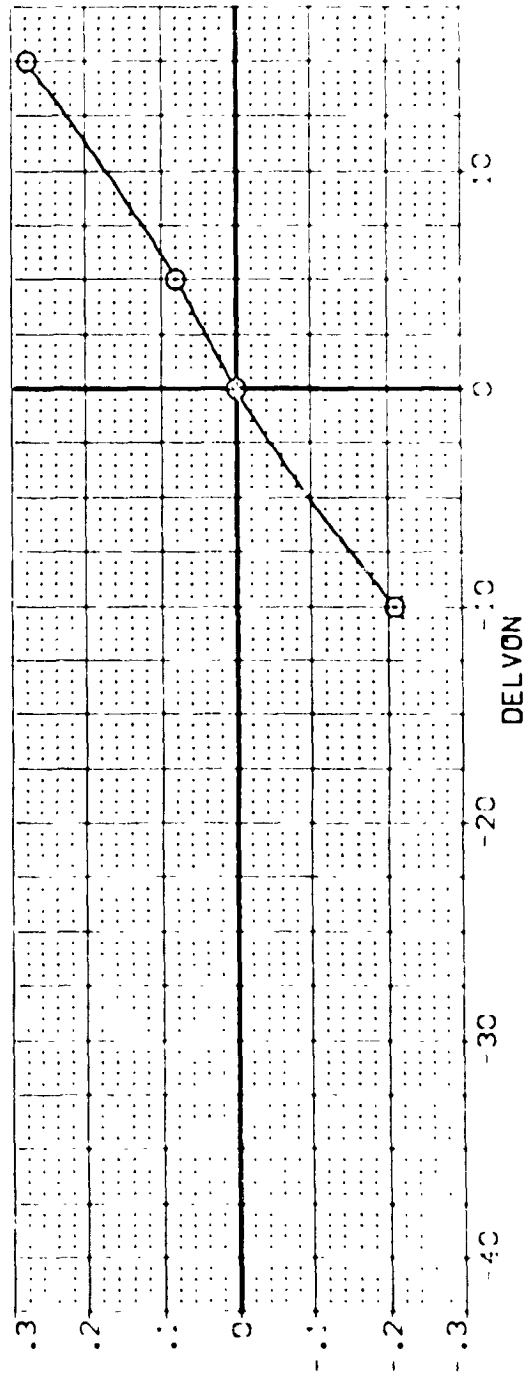
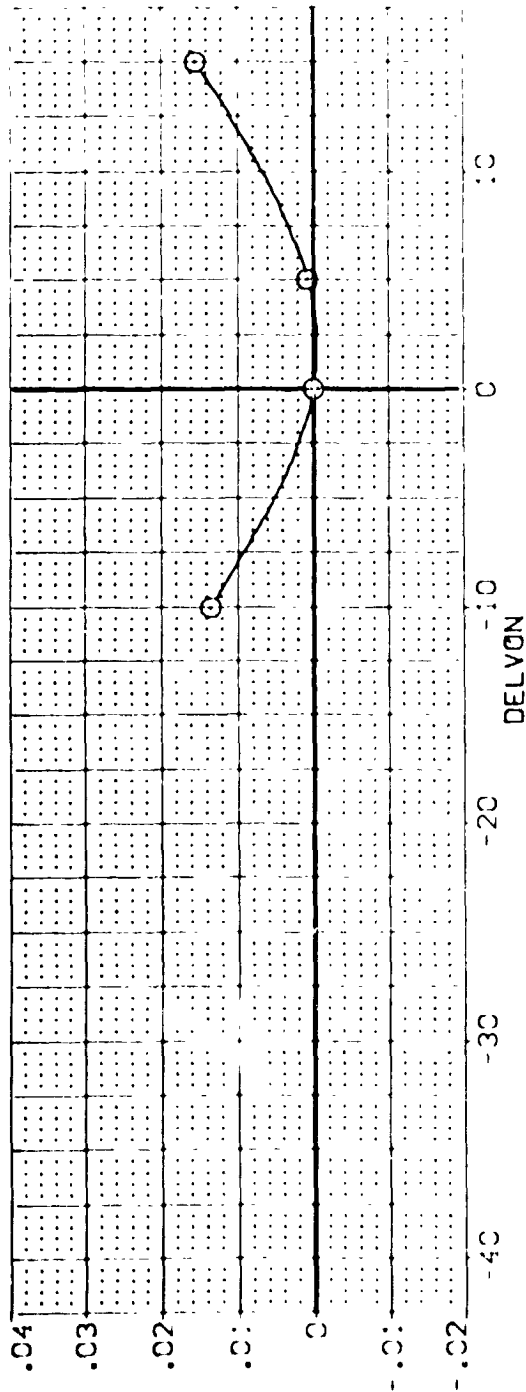


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

SYMBOL \bigcirc ALPHA 20.000 MACH .200 BOFLAP .000 RLOOR .000 BETA 25.000
 DATA SOURCE DELVON -10.000 DATASET EDZ244
 REFERENCE INFORMATION: SREF 4.4119 SCAL 5
 REF 19.2298 SCAL 5
 REF 37.9359 SCAL 5
 REF 43.5972 SCAL 5
 YMOD 1.0000 SCAL 5
 ZMOD 15.1875 SCAL 5
 SCALE 10405

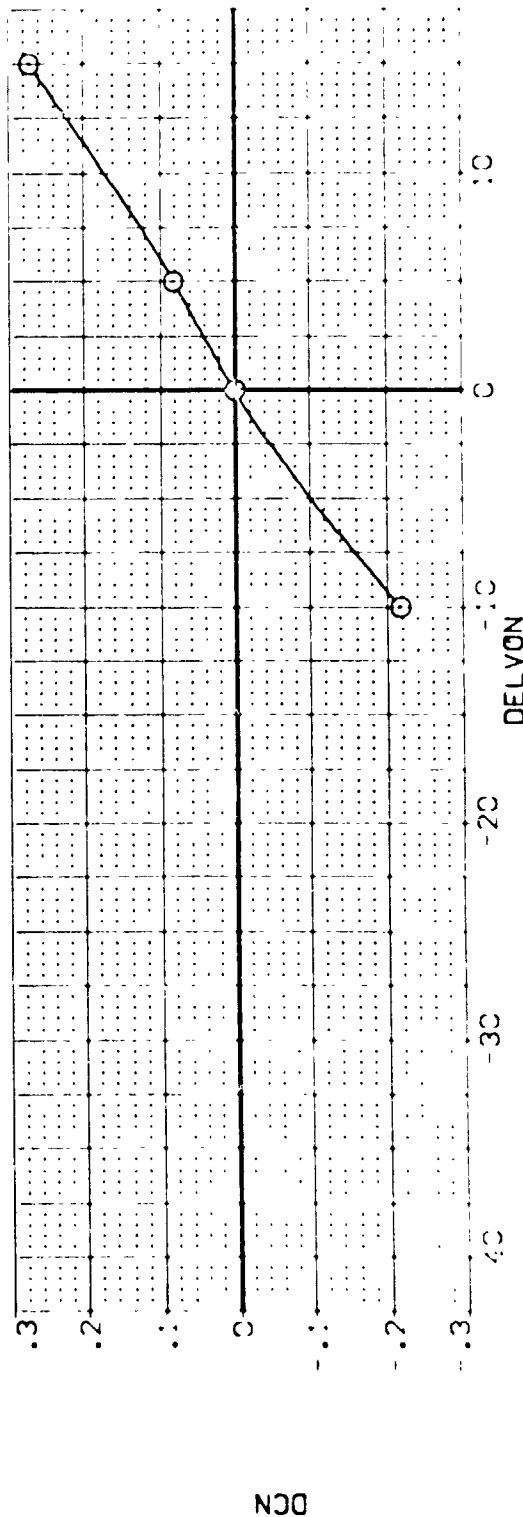
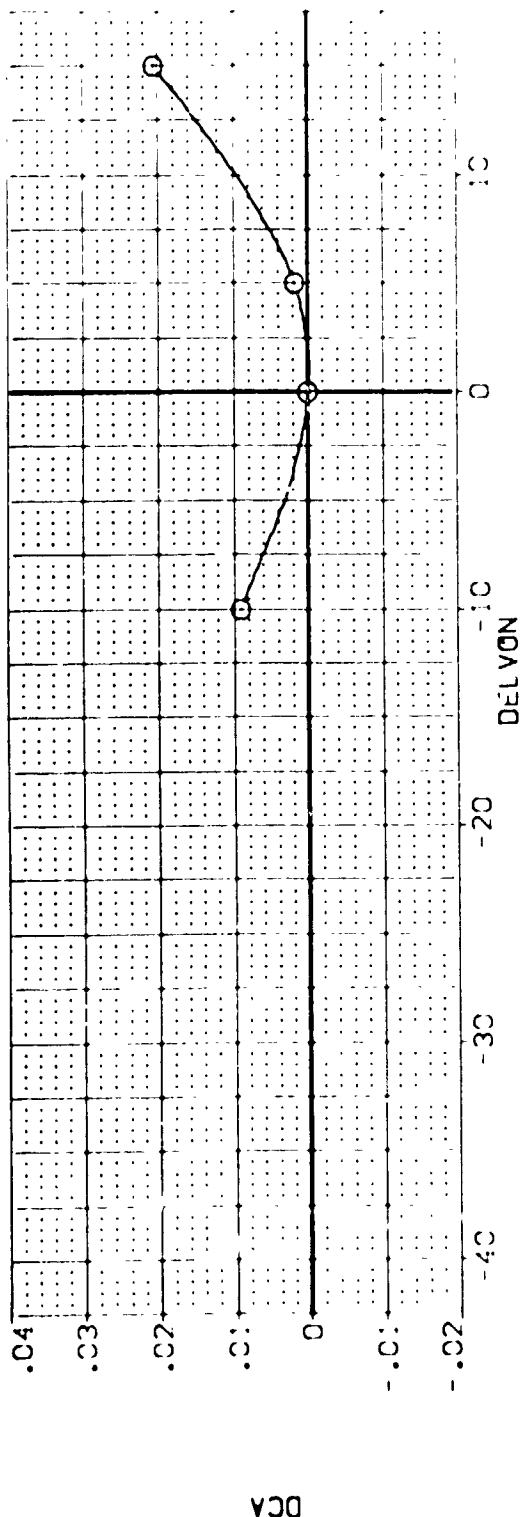
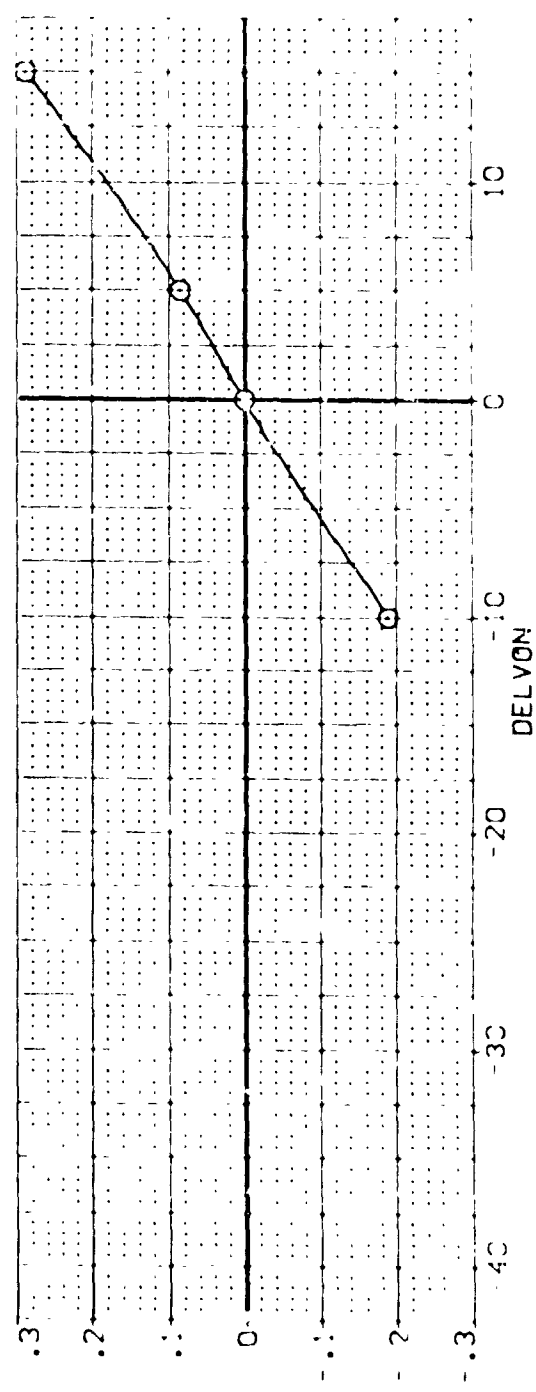
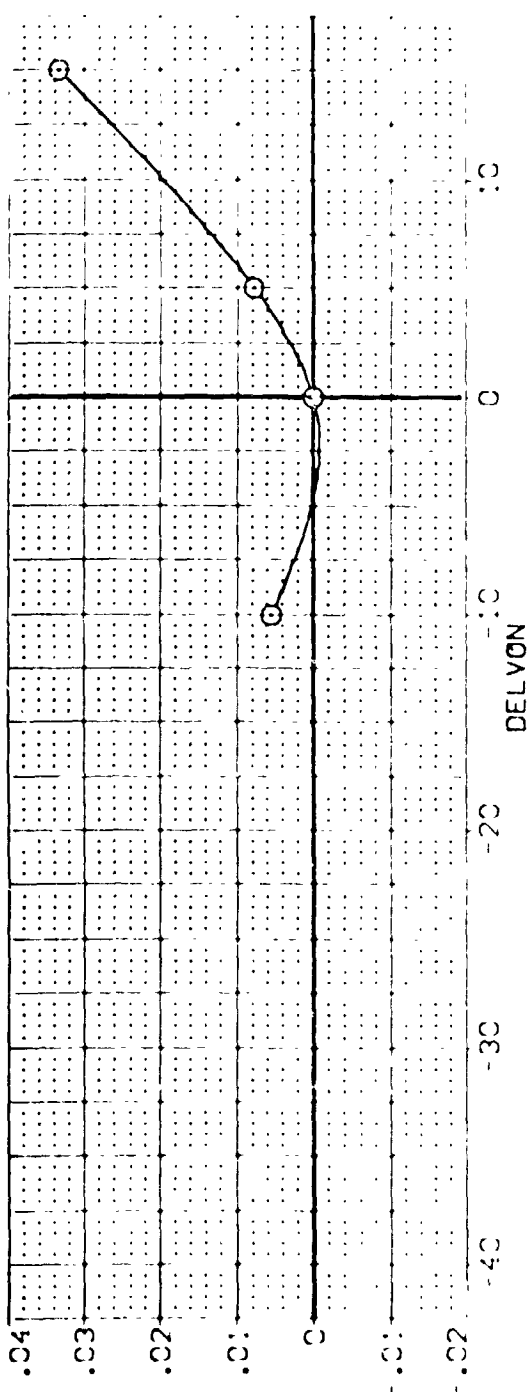


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

CA623 3:

6

500



PAGE 3590 : 540

0A628 B26C9 M7F8 W116E29 25X9 (EDZ244)
 SYMBOL ○
 ALPHA 30.000
 MACH .200
 AIRLON .000
 SPOBRK 25.000
 PARAMETRIC VALUES
 BOFLAP .000
 RJODER .000
 BETA .000
 DATA SOURCE
 DELVON -12.000
 DATASET EDZ244
 DELVON -10.000
 DATASET EDZ245
 DELVON 5.000
 DATASET EDZ245
 DELVON 15.000
 REFERENCE INFORMATION
 SREF 4.4119
 LREF 19.2249
 BREF 37.9339
 XMRP 43.5974
 YMRP .0000
 ZMRP 15.1875
 SCALE .0405
 SCHE S
 SCHE S
 SCHE S
 SCHE S
 SCHE S

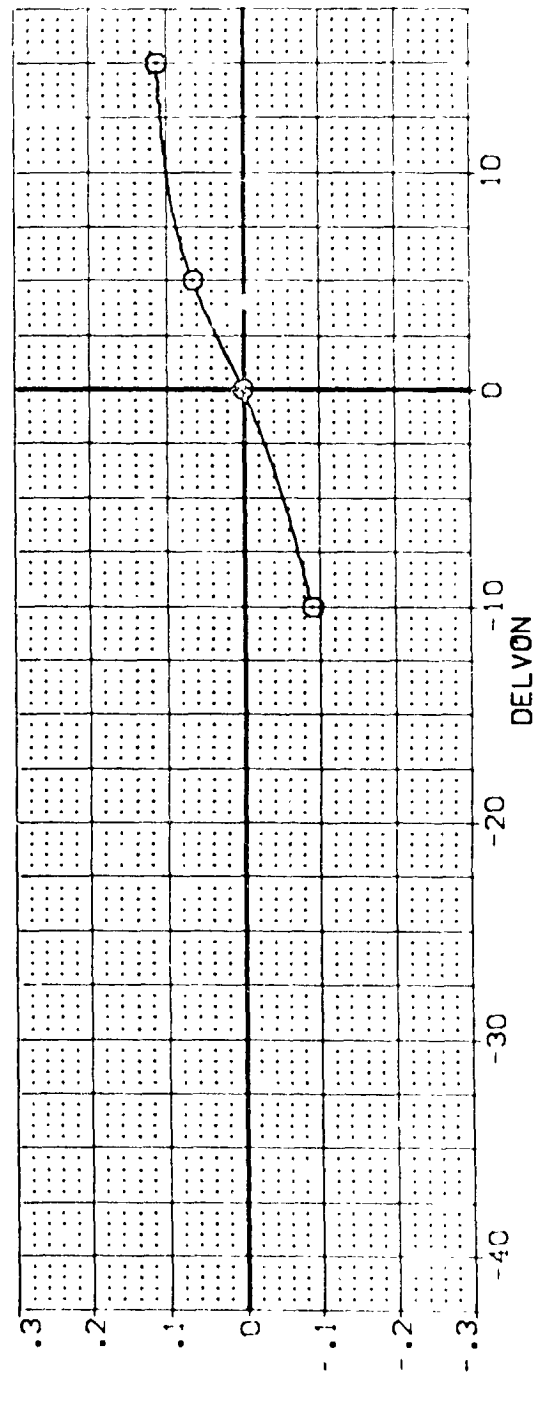
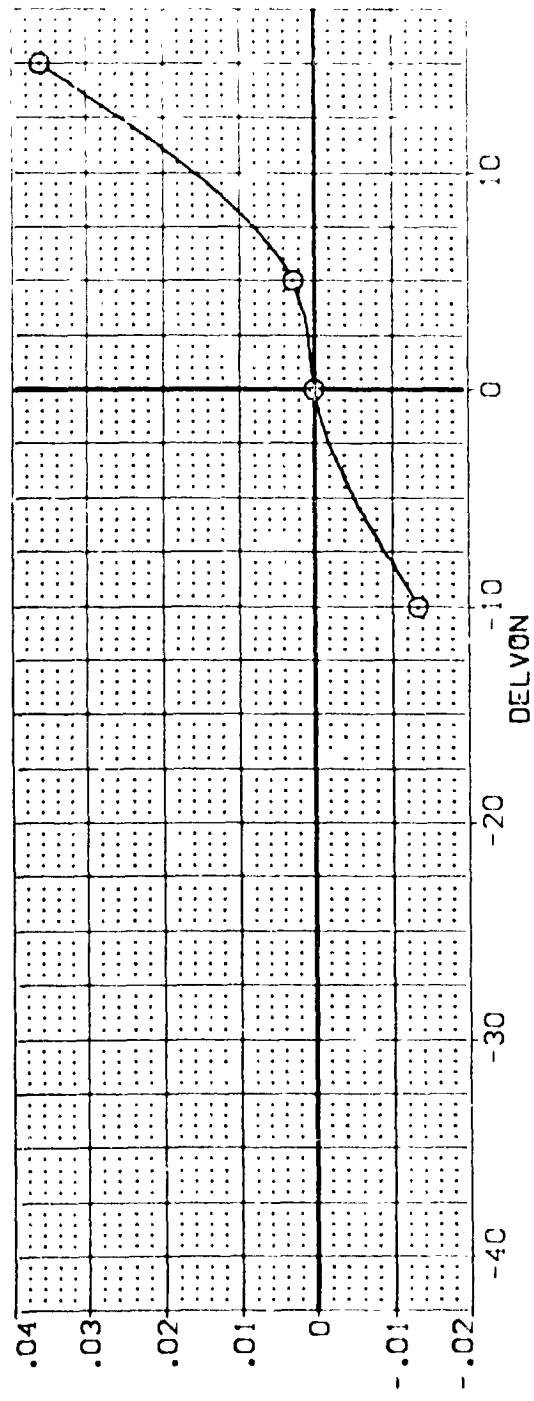


FIG 88 ELEVON EFFECTIVENESS, E29, 25 DEG. FLARE

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELEVON		SPORBK		BOFLAP		RUJDER		REFERENCE INFORMATION	
BDZ250	○	CA628	B26C9	M7F8	V116E30V8P5X9	-10.000	25.000	-12.000	.000	SREF	4.4119	SC.57	
BDZ248	◇	CA628	B26C9	M7F8	V116E30V8P5X9	.000	25.000	-12.000	.000	LBREF	19.2289	SC.42	
BDZ249	◇	CA628	B26C9	M7F8	V116E30V8P5X9	5.000	25.000	-12.000	.000	BRF	37.9359	SC.42	
										XREF	43.5874	SC.42	
										YREF	15.8875	SC.42	
										ZREF	15.8875	SC.42	
										SCALE	.0405	SCALE	

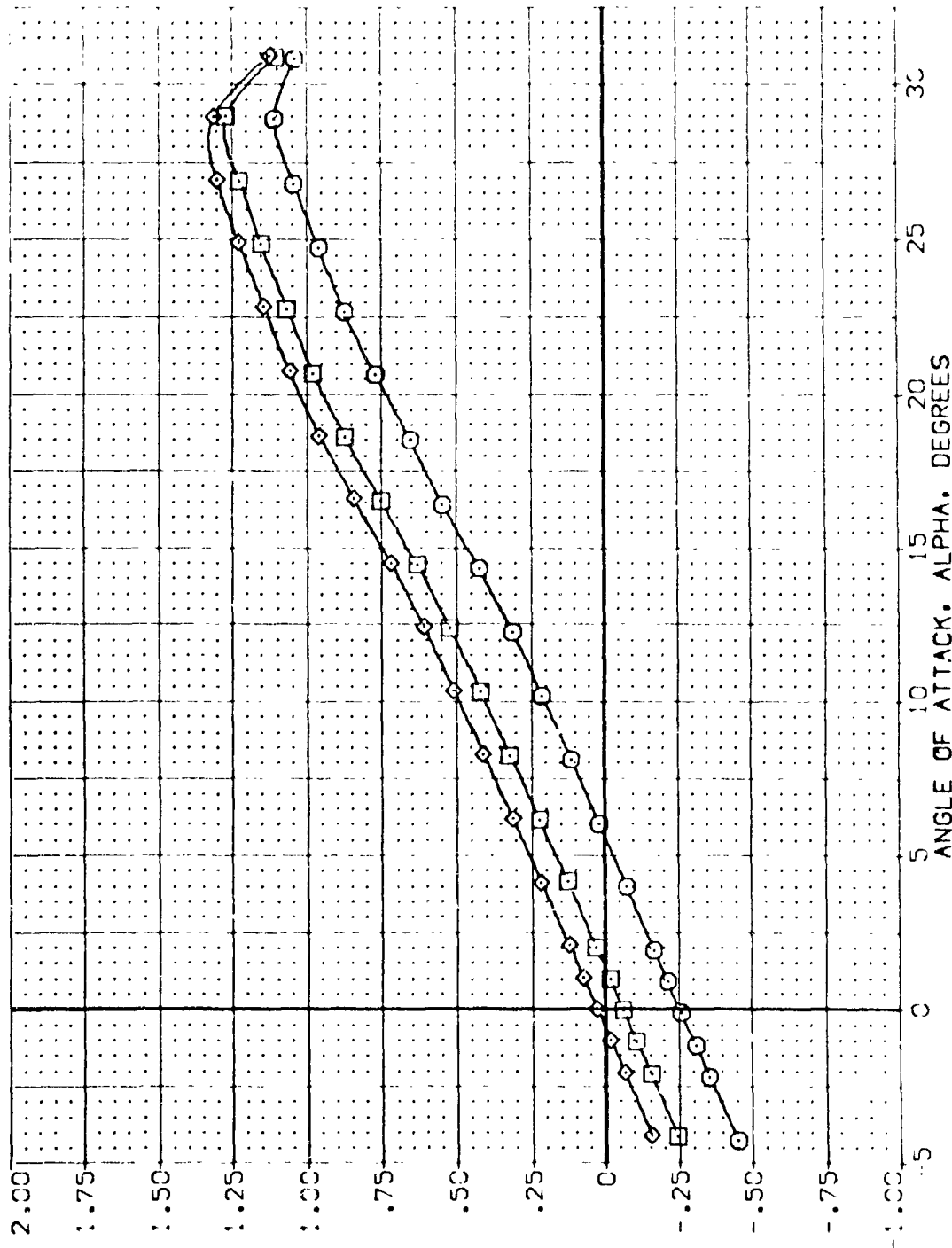


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BOF LAP	RUDDER	REFERENCE INFORMATION
[BCZ750]	CA628 B26C9 M7F8 V116E30V85X9	-10.000	25.000	-12.000	.000	SREF 4.4119
[BCZ748]	CA628 B26C9 M7F8 V116E30V85X9	.000	25.000	-12.000	.000	REF 19.2789
[BCZ749]	CA628 B26C9 M7F8 V116E30V85X9	5.000	25.000	-12.000	.000	BOF 37.9309
						X400 43.5874
						Y400 .0000
						Z400 .0000
						SCALE 15.1875
						SCALE .0405

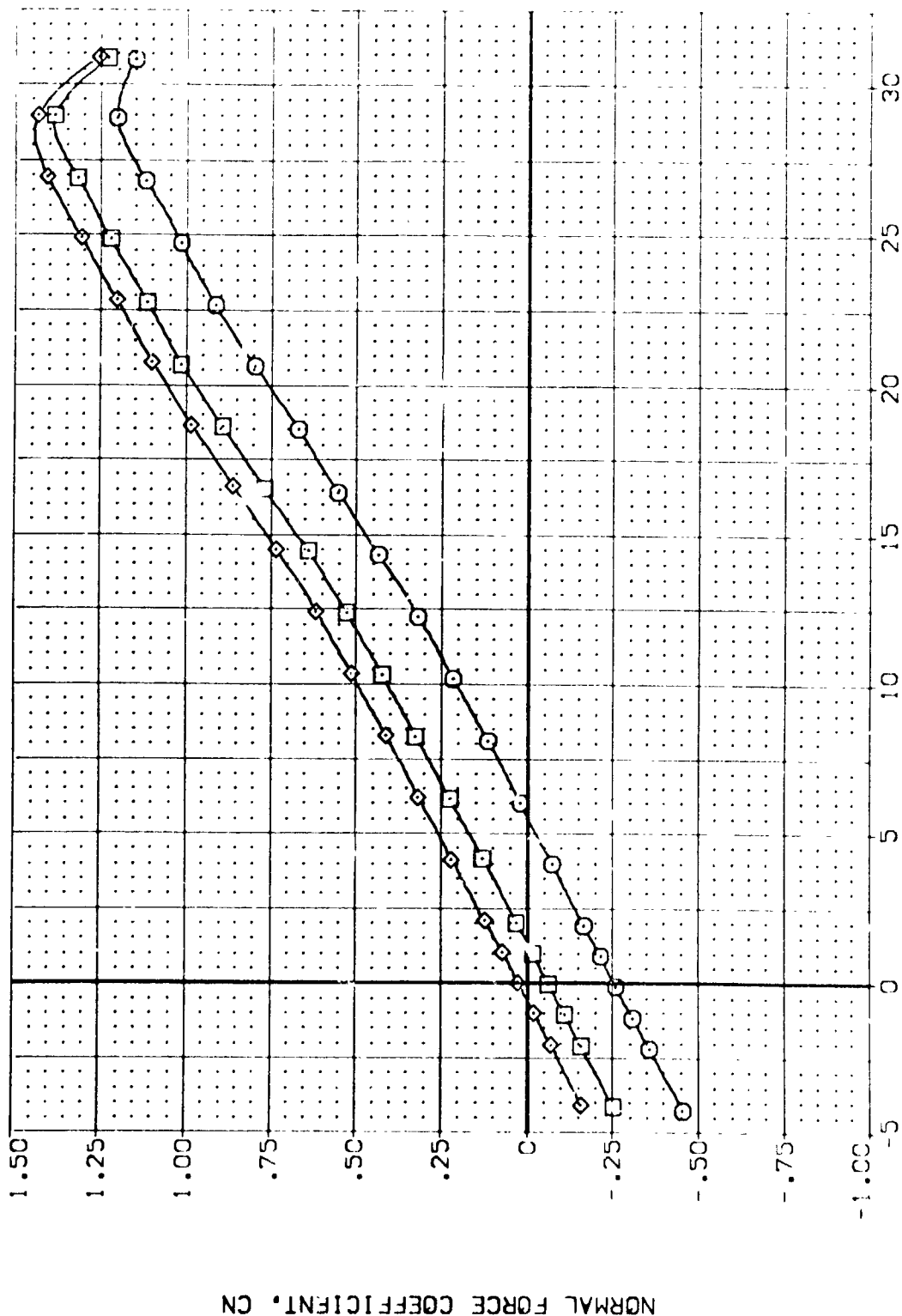


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

CA3VAC = .20

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BD LAP	RUDDER	REFERENCE INFORMATION
(BD2250)	□	CA628 B26C9 M7F8 V116E30VBR5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SQ.F.1
(BD2248)	◇	CA628 B26C9 M7F8 V116E30VBR5X9	.000	25.000	-12.000	.000	LREF 19.2299 NG.4.S
(BD2249)	◇	CA628 B26C9 M7F8 V116E30VBR5X9	5.000	25.000	-12.000	.000	BREF 37.9359 NG.4.S
							XMPD 43.5874 NG.4.S
							YMPD .0000 NG.4.S
							ZMPD 15.1875 NG.4.S
							SCALE .0405

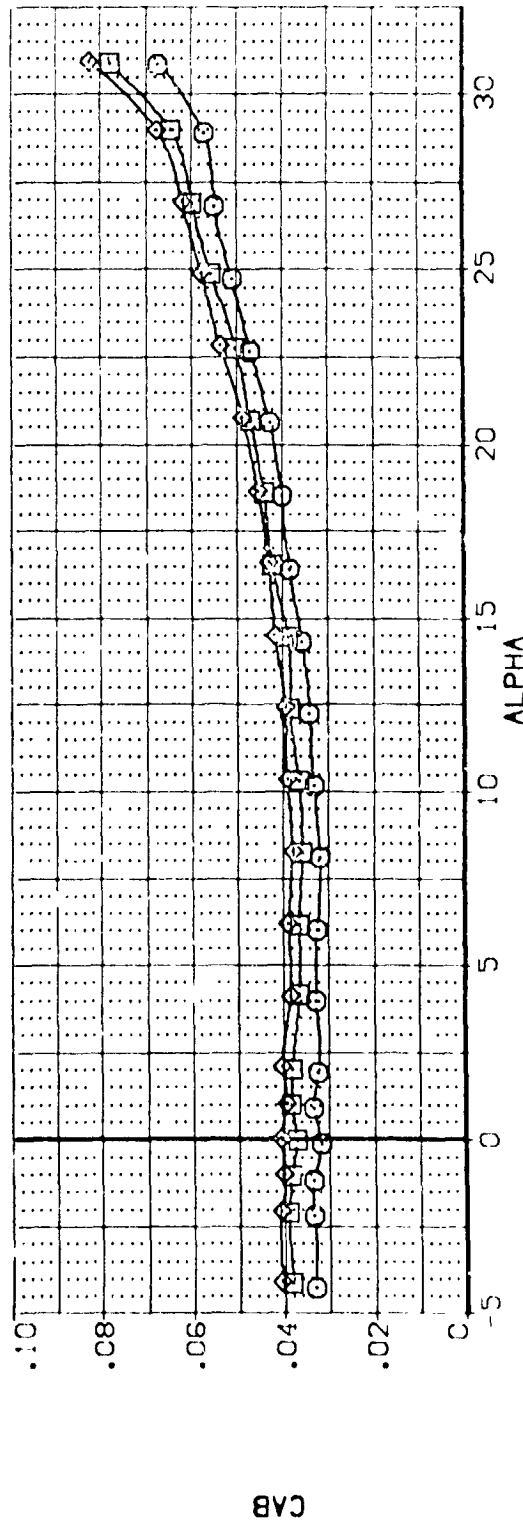
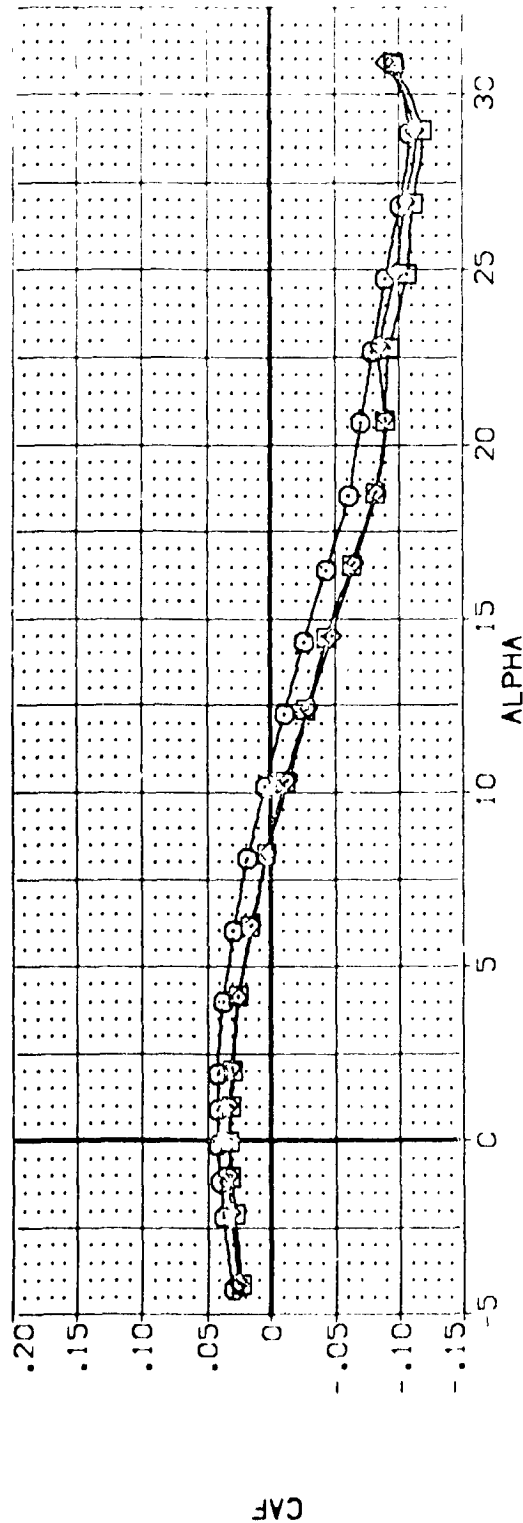


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

(A)MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRBK	BDF LAP	RJODER	REFERENCE INFORMATION
(807250)	0A628 B26C9 M7F8 V116E30V8PSX9	-10.000	25.000	-12.000	.000	SREF 4.419
(807248)	0A628 B26C9 M7F8 V116E30V8PSX9	.000	25.000	-12.000	.000	LREF 19.2293
(807249)	0A628 B26C9 M7F8 V116E30V8PSX9	5.000	25.000	-12.000	.000	BREF 37.9359
						XREF 43.5574
						YREF .0000
						ZREF 15.1875
						SCALE .0405

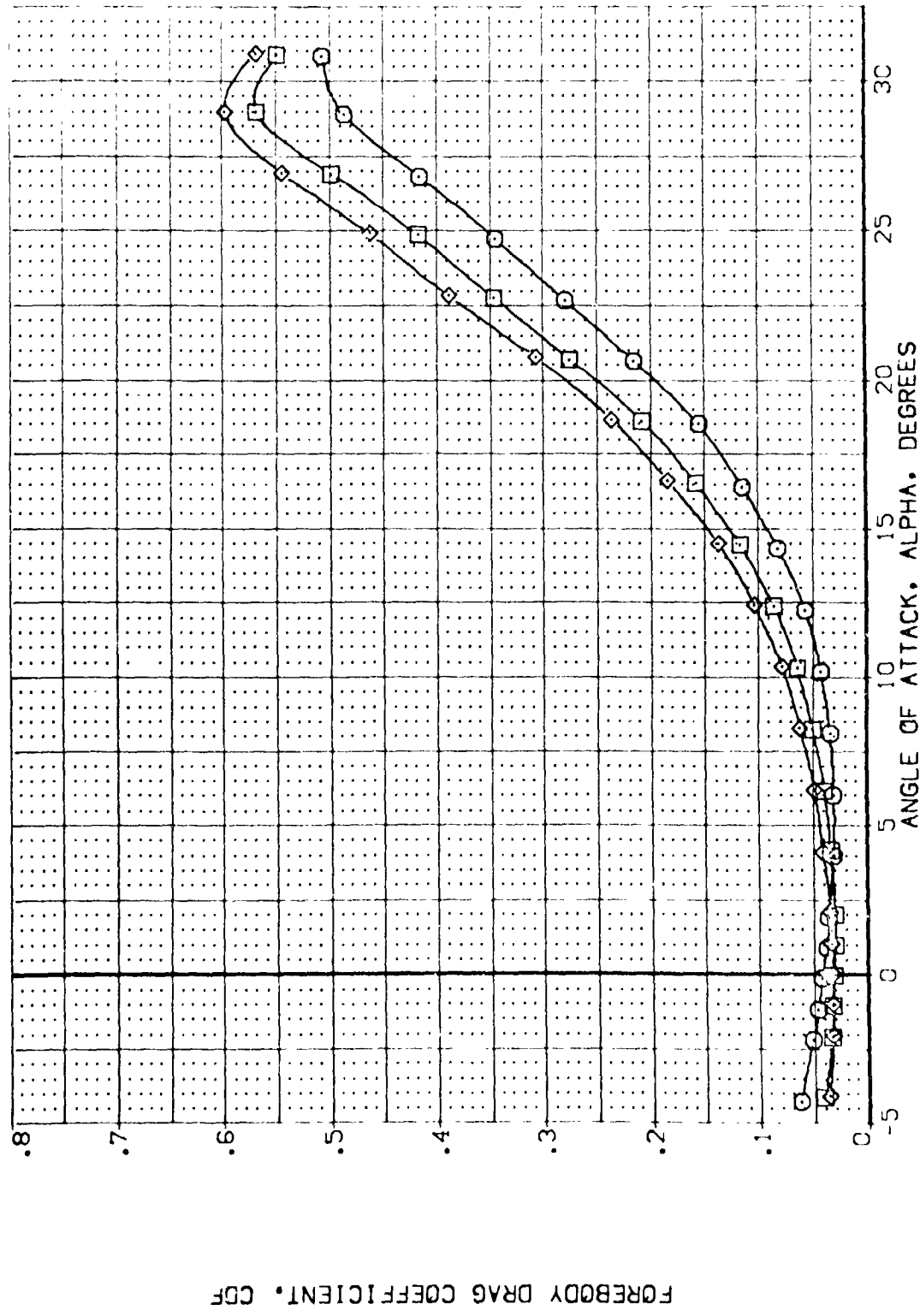


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

(A)MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRBK	BOFLAP	RJDDER	REFERENCE INFORMATION
[BD7250]	0A62B 826C9 M7F8 V116E 30V8RSX9	-10.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT
[BD7248]	0A62B 826C9 M7F8 V116E 30V8RSX9	.000	25.000	-12.000	.000	UREF 19.2299 INCHES
[BD7249]	0A62B 926C9 M7F8 V116E 30V8RSX9	5.000	25.000	-12.000	.000	BREF 37.9359 INCHES
						YMRP 43.5974 INCHES
						ZMRP .0000 INCHES
						SCALE 15.1875 INCHES

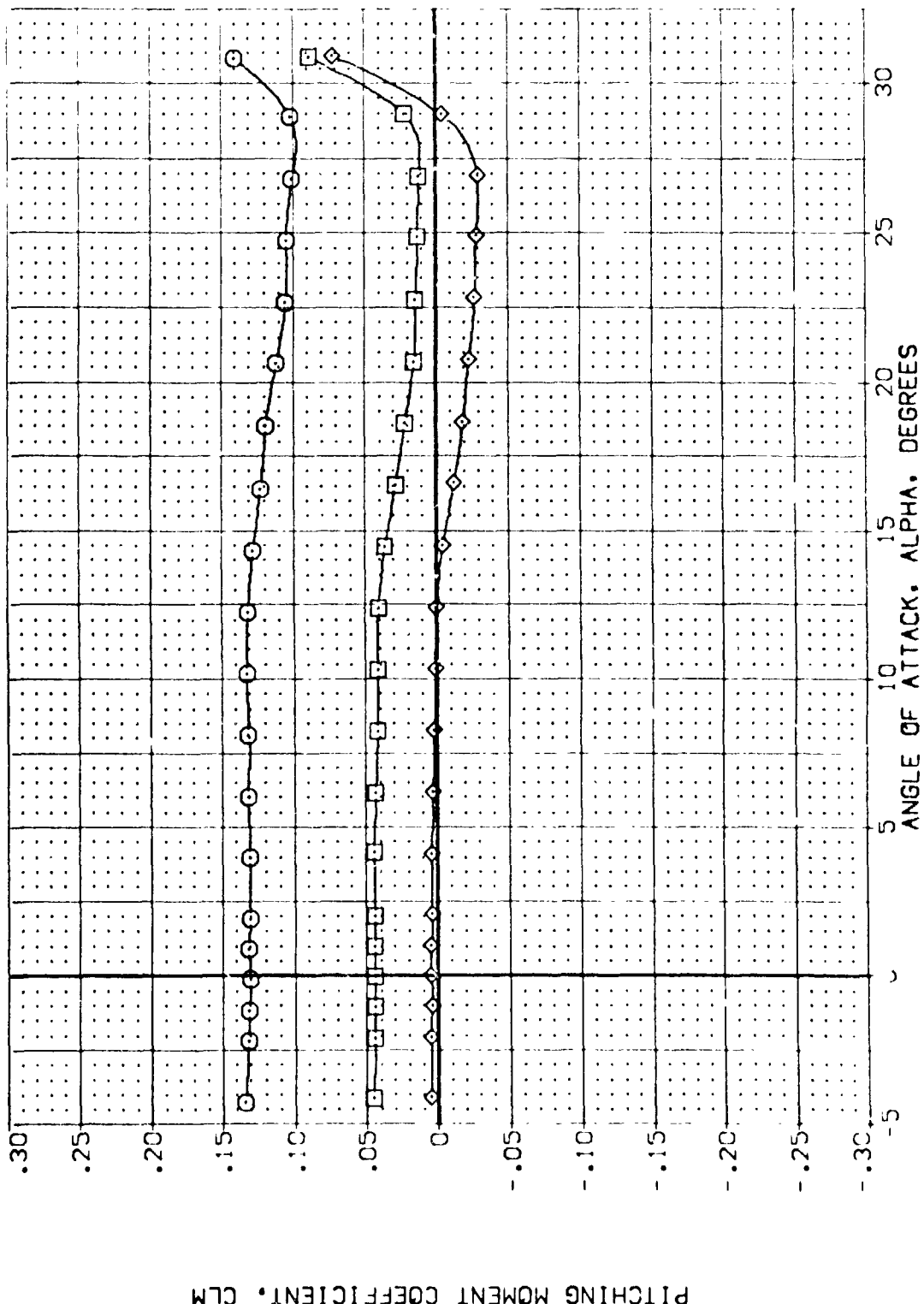


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

(C)MAC = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION

{ 8027250 }	Q	0A628	B26C9	M7F8	V116E30V8PSX9
{ 8027248 }		0A628	B26C9	M7F8	V116E30V8PSX9
{ 8027249 }	X	0A628	B26C9	M7F8	V116E30V8PSX9

ELEVON SPOBRK BDFLAP RUDDER

-10.000	25.000	25.000	.000
.000	25.000	-12.000	.000
5.000	25.000	-12.000	.000

REFERENCE INFORMATION

SREF	4.4119	\$
LREF	19.2799	\$
BREF	37.3359	\$
XMRP	43.5974	\$
YMRP	.0000	\$
ZMRP	15.1875	\$
SCALE	.0405	\$

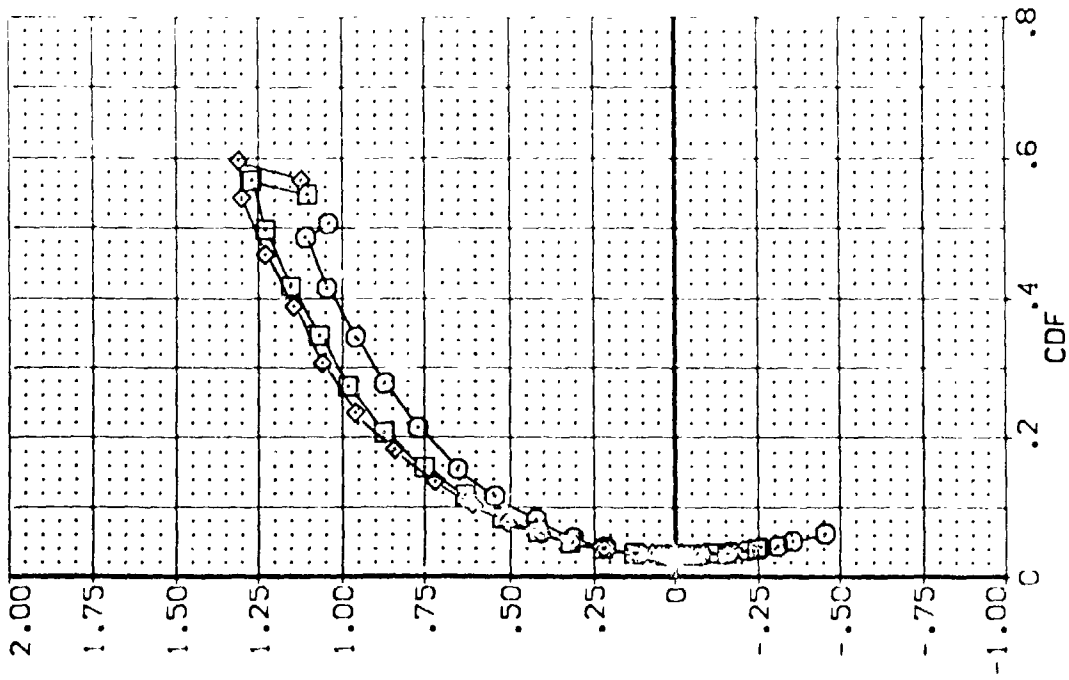
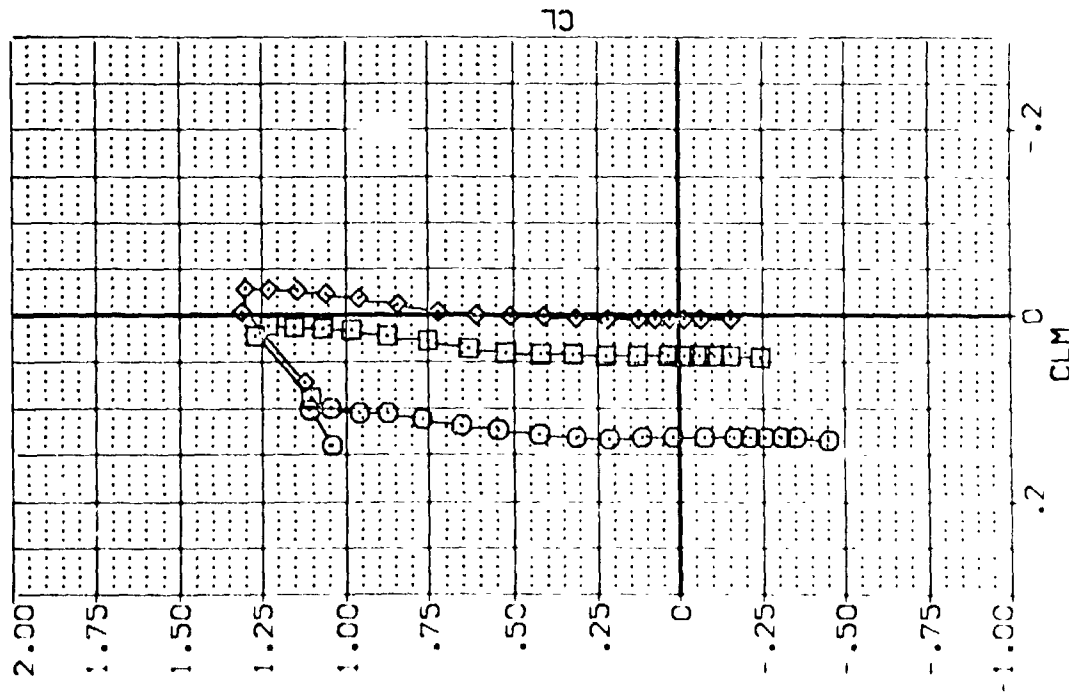


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

CAYAC = .20

LONGITUDINAL CENTER OF PRESSURE, XCP/L

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SP080M	BOLAP	RJ00ER	REFERENCE INFORMATION
(BD7750)	QAS28 B76C9	-10.000	25.000	-12.000	.000	SREF 4.418 SQ.FT.
(BD7248)	QAS28 B76C9	.000	25.000	-12.000	.000	REF 19.2799
(BD7249)	QAS28 B76C9	5.000	25.000	-12.000	.000	BREF 37.9359
						XREF 43.5974
						YREF 15.0000
						ZREF 15.0000
						SCALE .0400

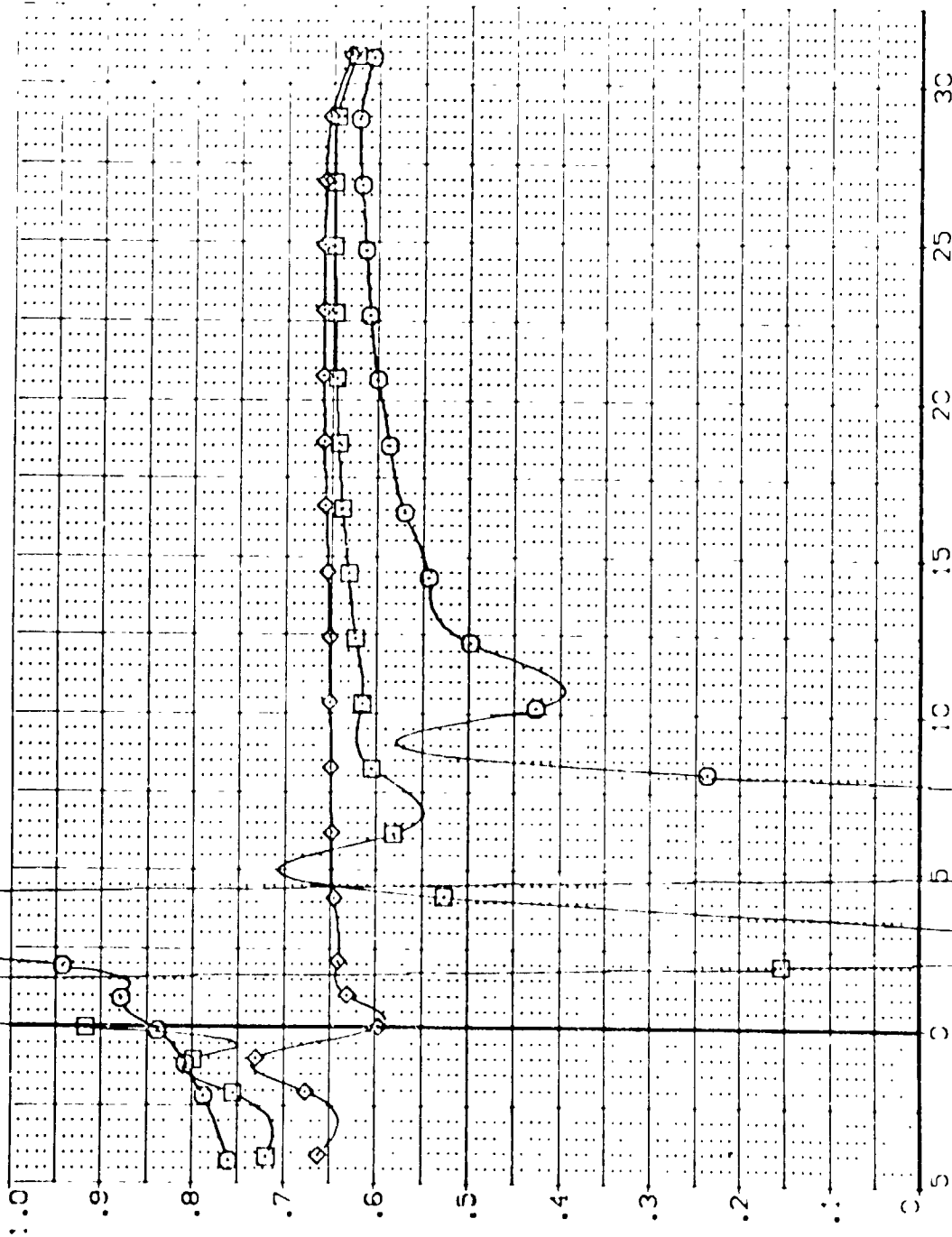


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

CASMAC

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDDER	REFERENCE INFORMATION
(807750)	Q1628 B26C9 MTF8 W116E30V8P5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCALF .5
(807748)	Q1628 B26C9 MTF8 W116E30V8P5X9	.000	25.000	-12.000	.000	LREF 19.2799 SCALF .5
(807749)	Q1628 B26C9 MTF8 W116E30V8P5X9	5.000	25.000	-12.000	.000	BREF 37.9359 SCALF .5
						YREF 43.5974 SCALF .5
						YREF 15.1875 SCALF .5
						SCALE .0400

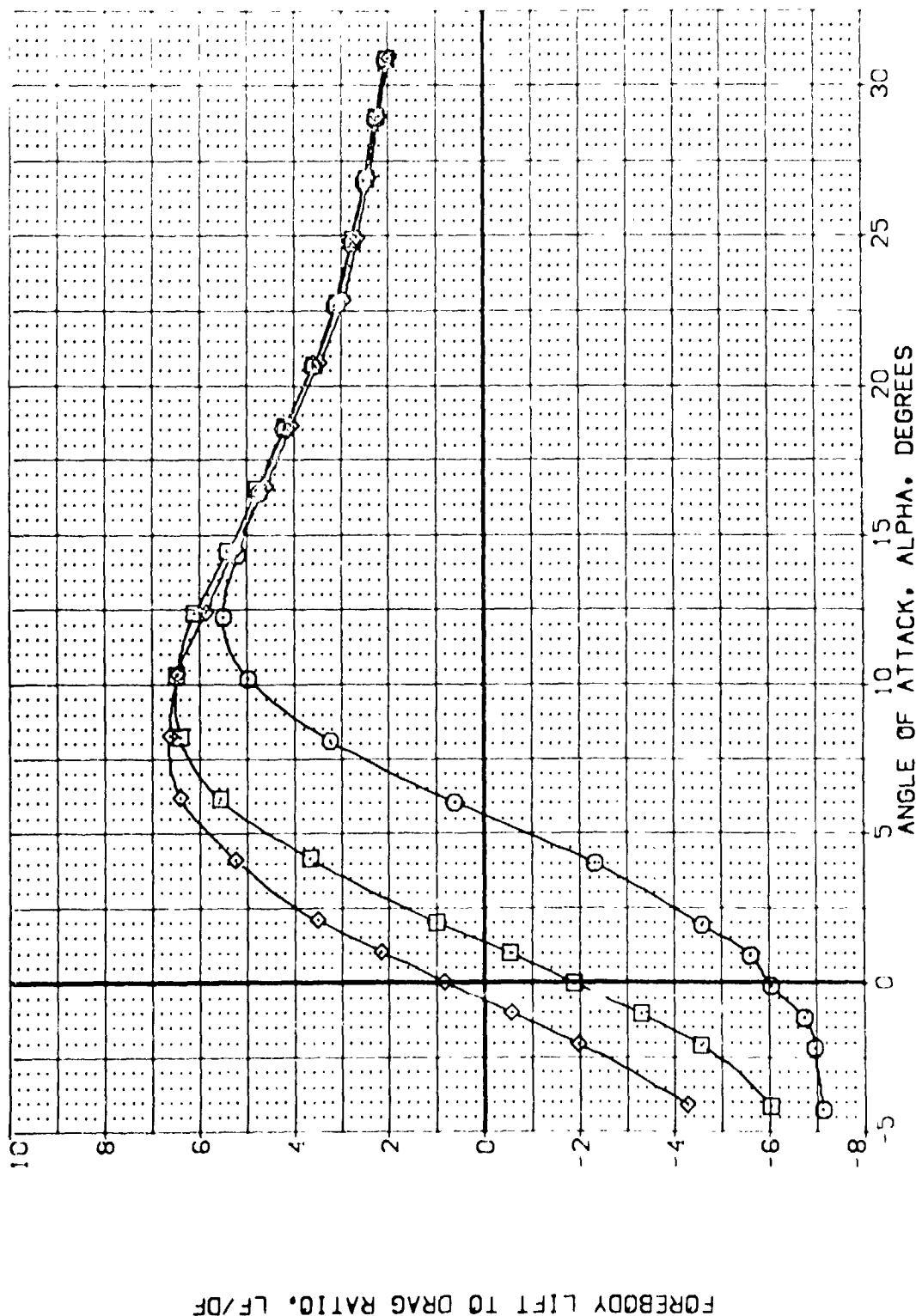


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

(A)YACF = .20

0A628 B26C9 M7F8 W116E30V8R5X9 (EDZ250)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION	
O	.000	MACH	.200	BDFLAP	-12.000	DATASET	DELTON	SREF	4.4119	\$C\$E7
		ALLRON	.000	RJODER	.000	EDZ750	.000	LRF	19.2289	\$S\$
		SPDGRK	25.000	BETA	.000	CJ249	.000	BRCF	37.9359	\$S\$
								XMRP	43.6974	\$S\$
								YMRP	.0000	\$S\$
								ZMRP	15.1875	\$S\$
								SCALE	.0405	\$C\$A5

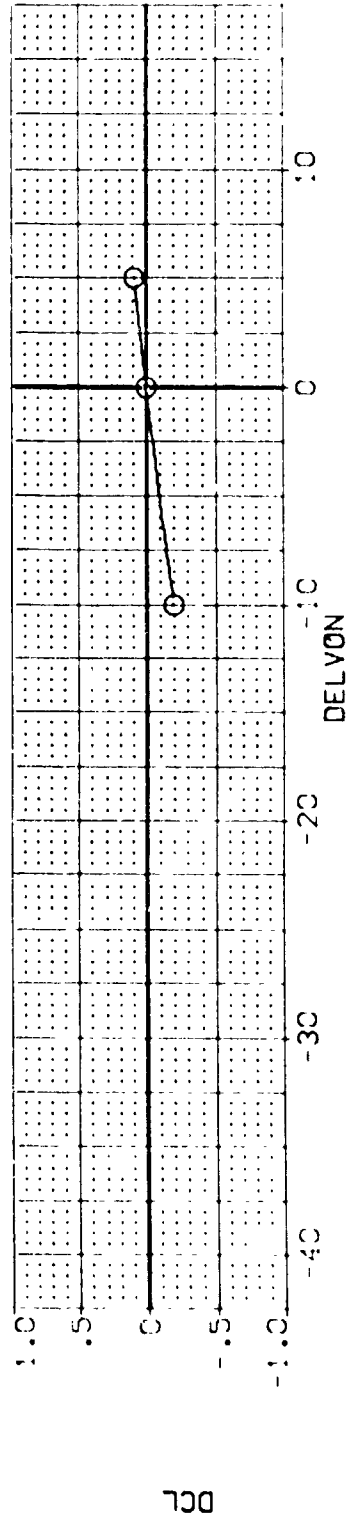
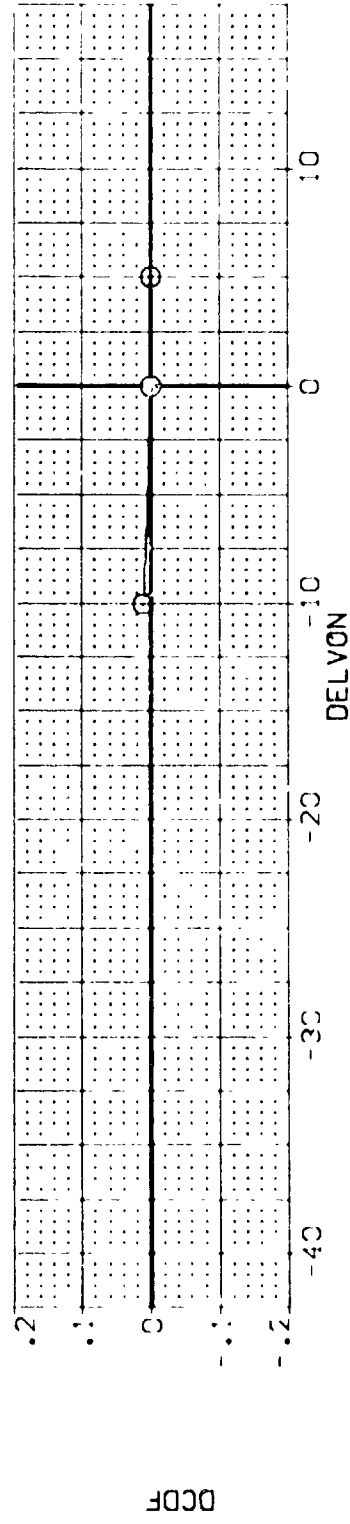
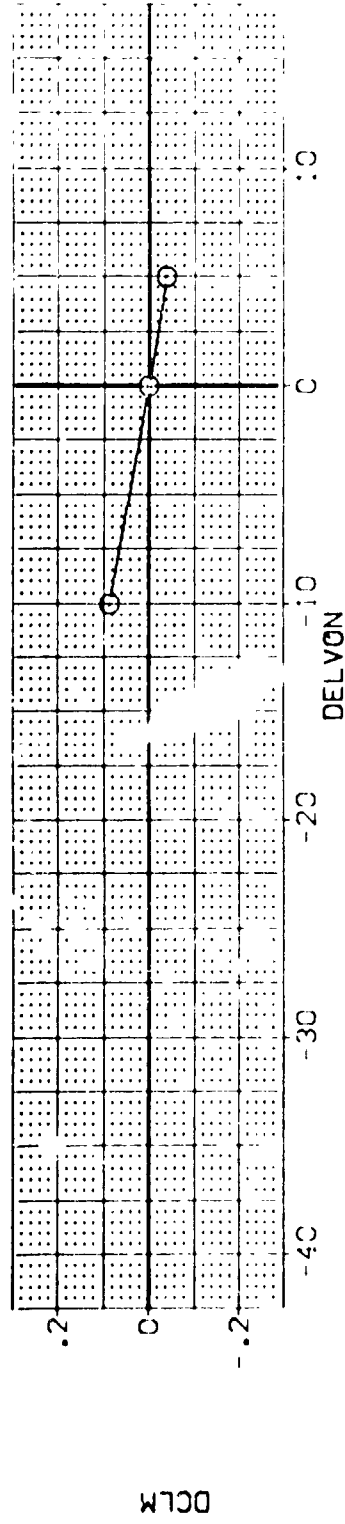


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

0A628 B26C9 M7F8 W116E30V8R5X9 (EDZ250)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES			DATA SOURCE		REFERENCE INFORMATION		
○	5.000	A1LRON	.200	BOFLAP	-12.000	DATASET	DELVON	SREF	4.411°	SCALE
		SPOBRK	.000	RJODER	.000	EDZ250	-10.000	BREF	19.2298	SCAL
			25.000	BETA	.000	EDZ249	5.000	BREF	37.9335	SCAL
								YMRP	43.5974	SCAL
								ZMRP	.0000	SCAL
								SCALE	15.1875	SCAL
									.0405	SCAL

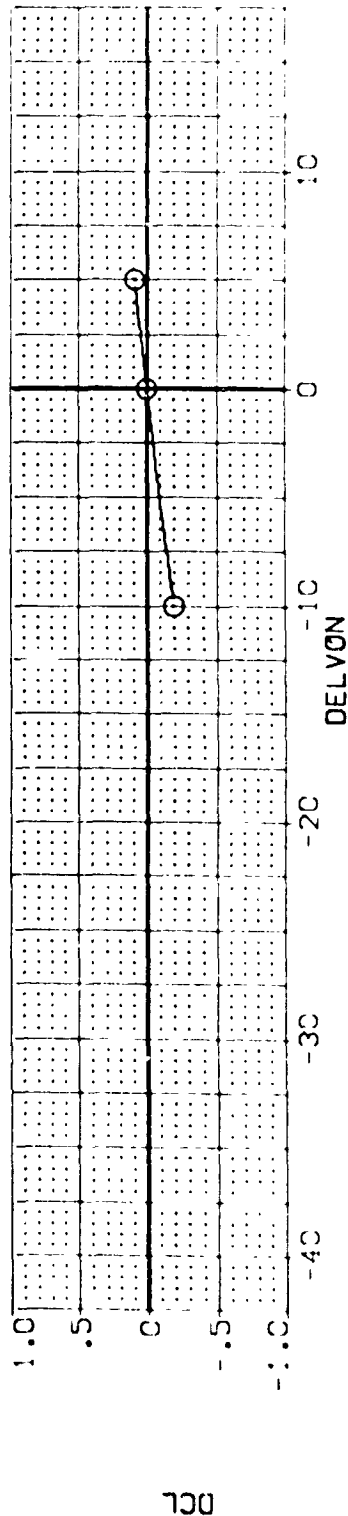
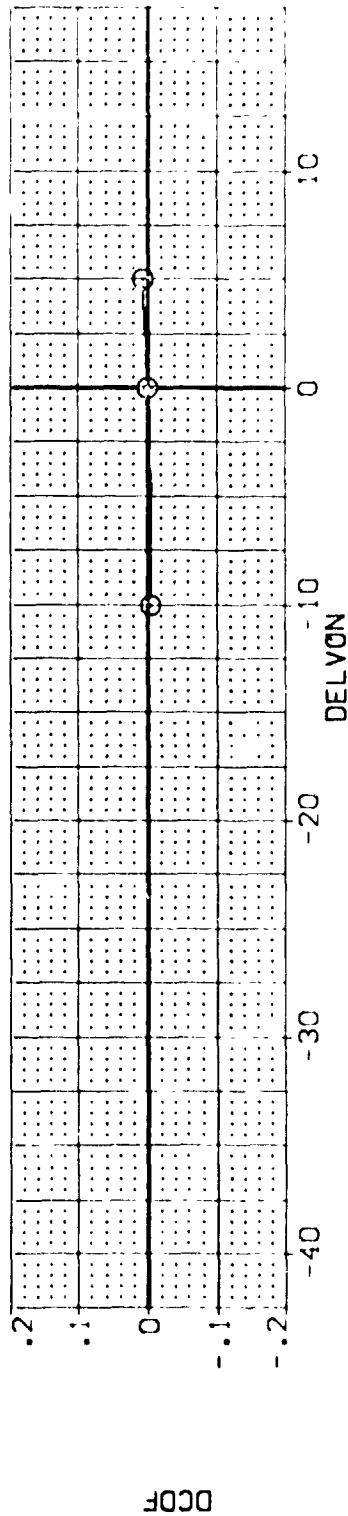
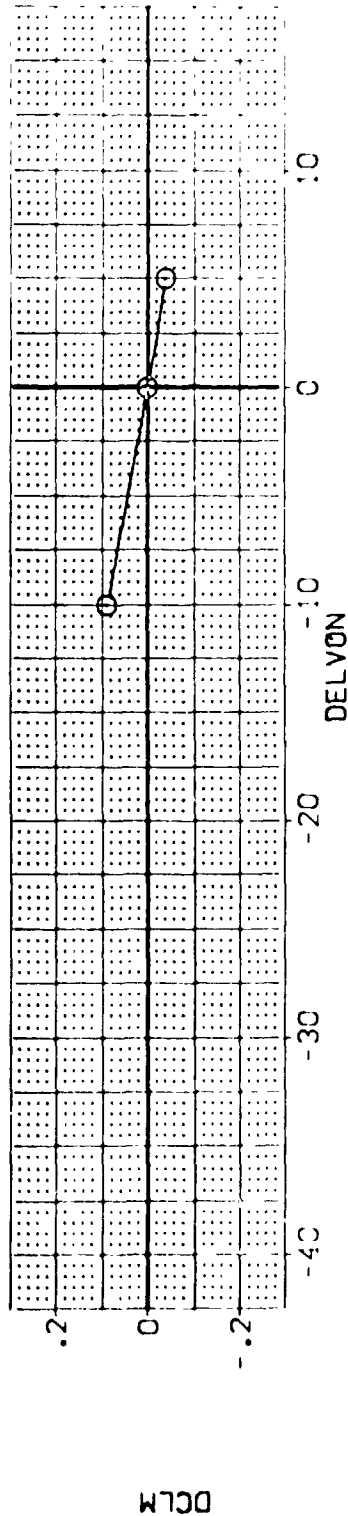


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

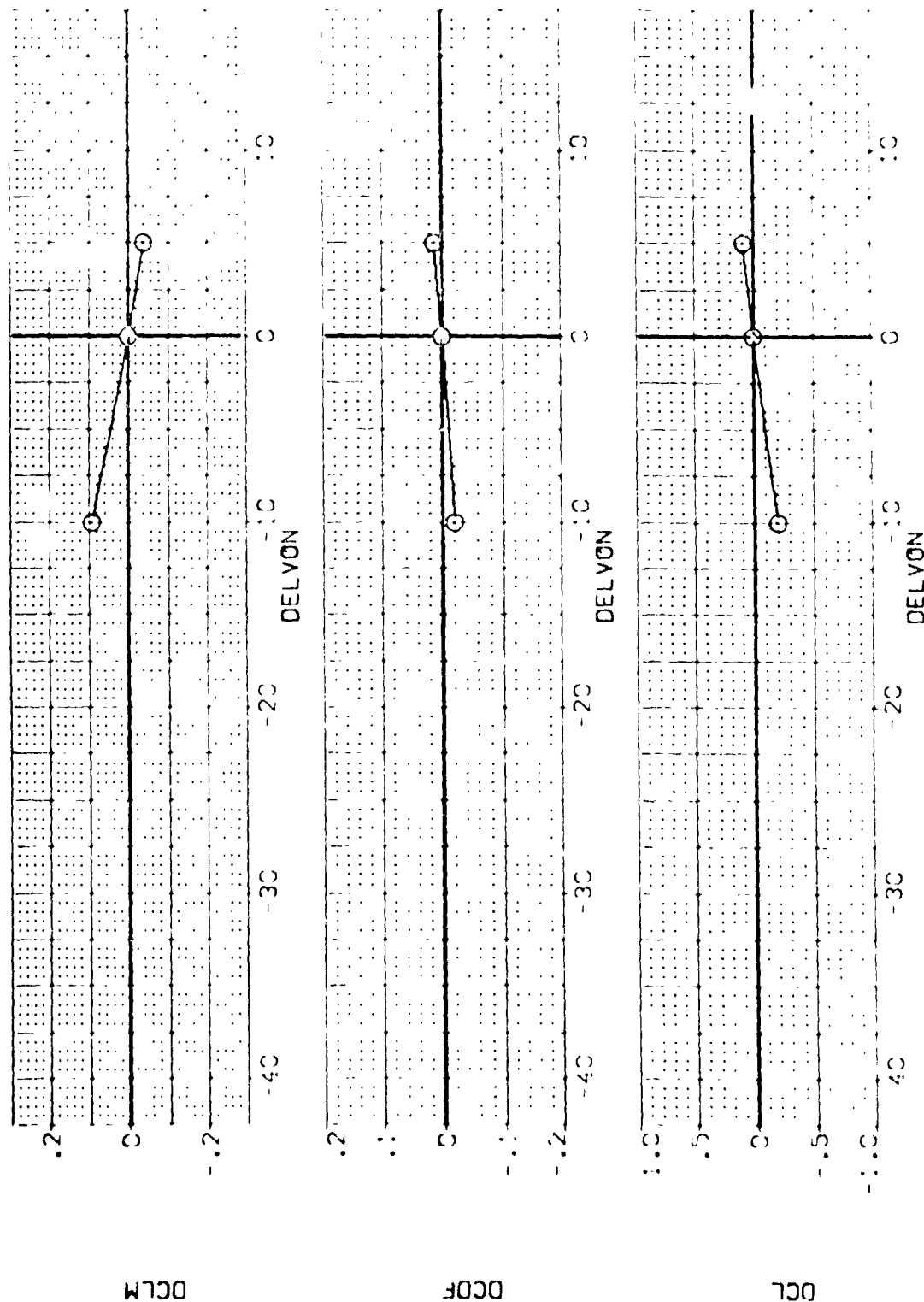
[illegible]

FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

0A62B 826C9 M7F8 W1:6E30V8R5X9 (EDZ250)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	DELVON	DATASET	DELVON	SCALE	REFERENCE INFORMATION
○	15.000		.200 BOFLAP	-12.000	DELVON	EDZ248	.000	4.4119	SCALE
		AILRON	.000 RUDDER	.000	EDZ250	EDZ249	.000	19.5769	REF
		SPOBRK	25.000 BETA	.000	EDZ249		.000	37.9329	BREF
								43.5974	XREF
								.0000	YREF
								15.1875	ZREF
								.0405	SCALE

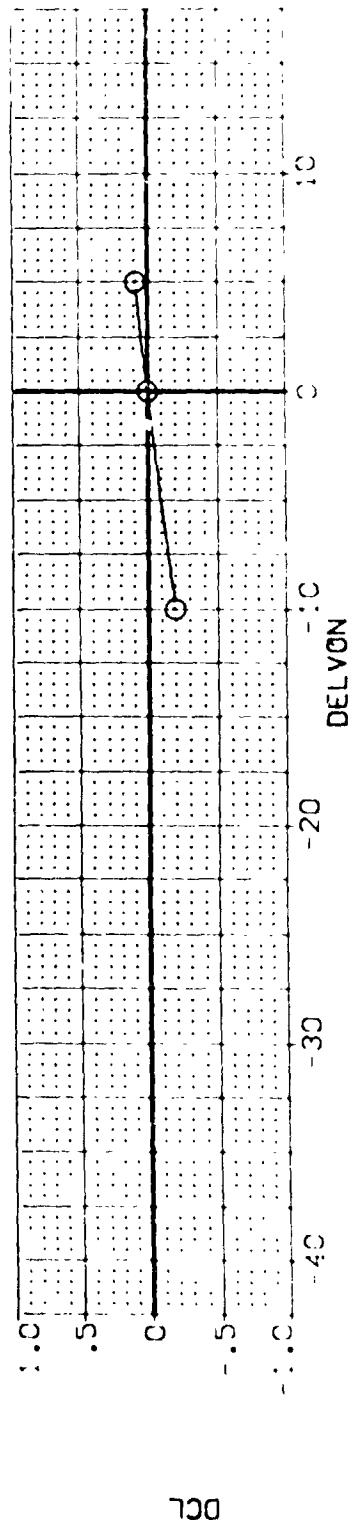
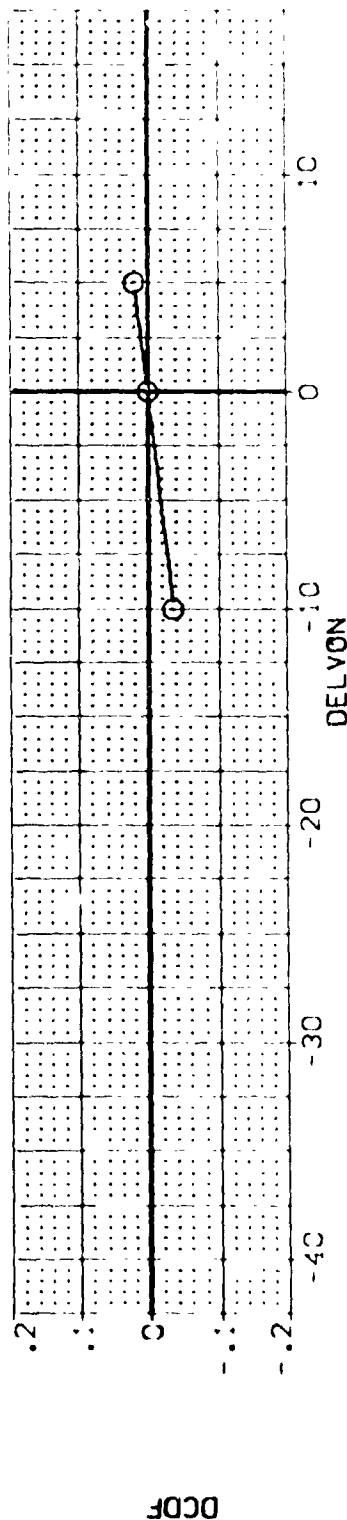
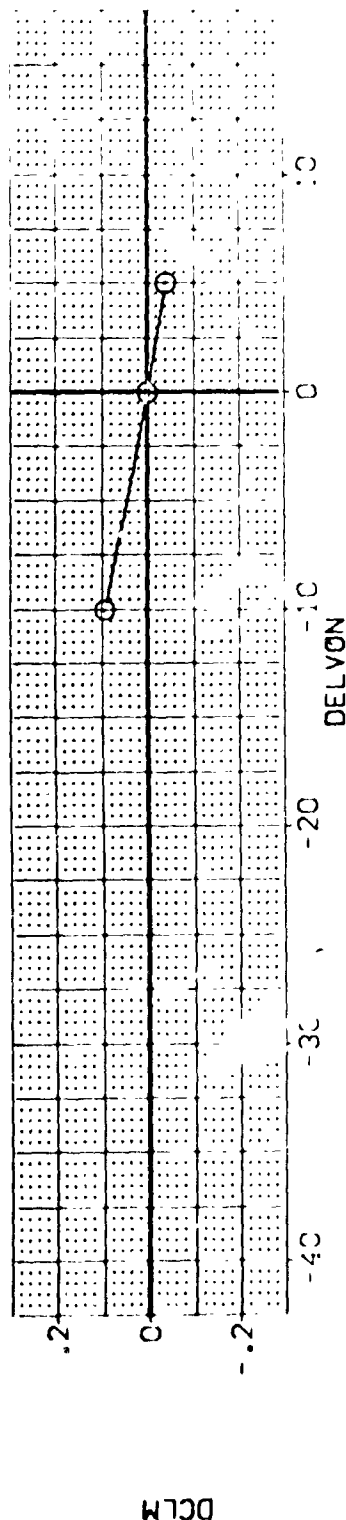


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

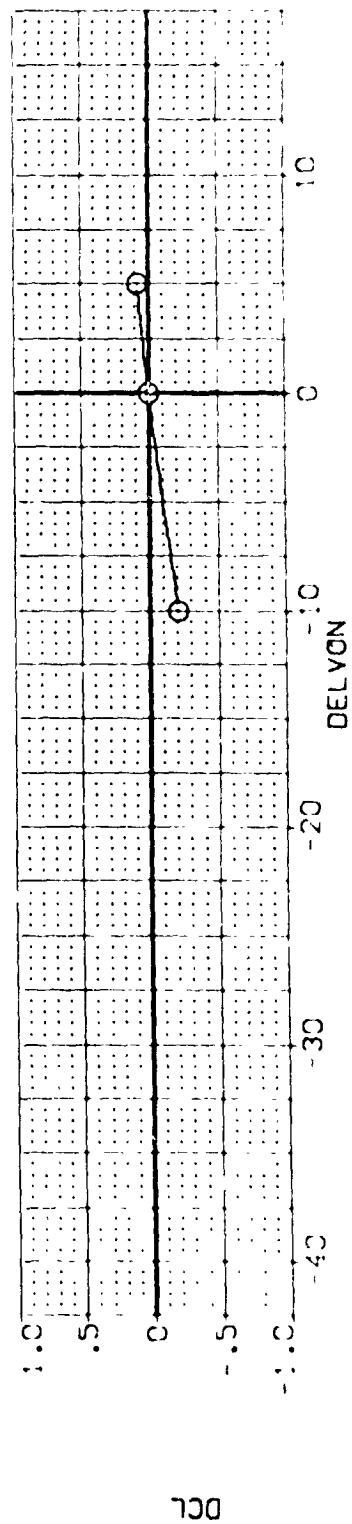
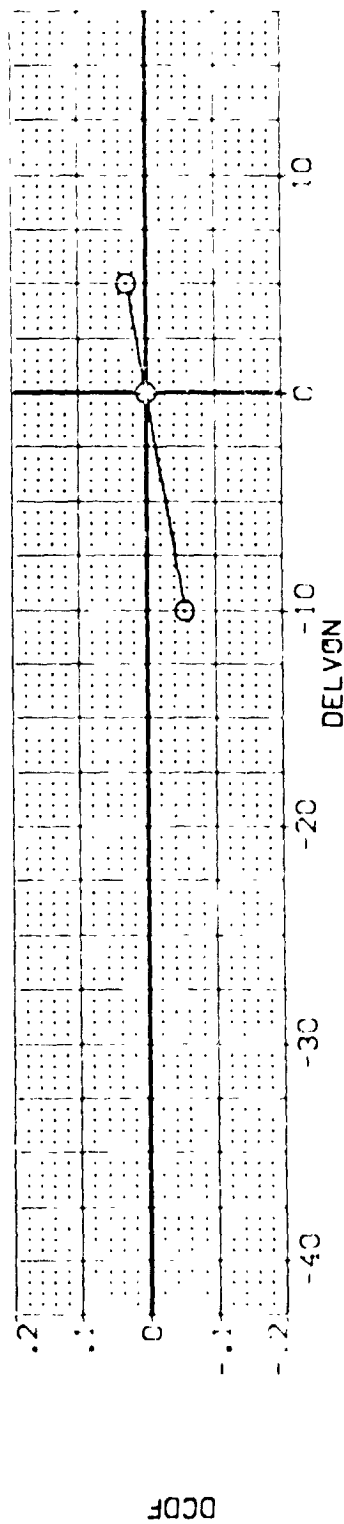
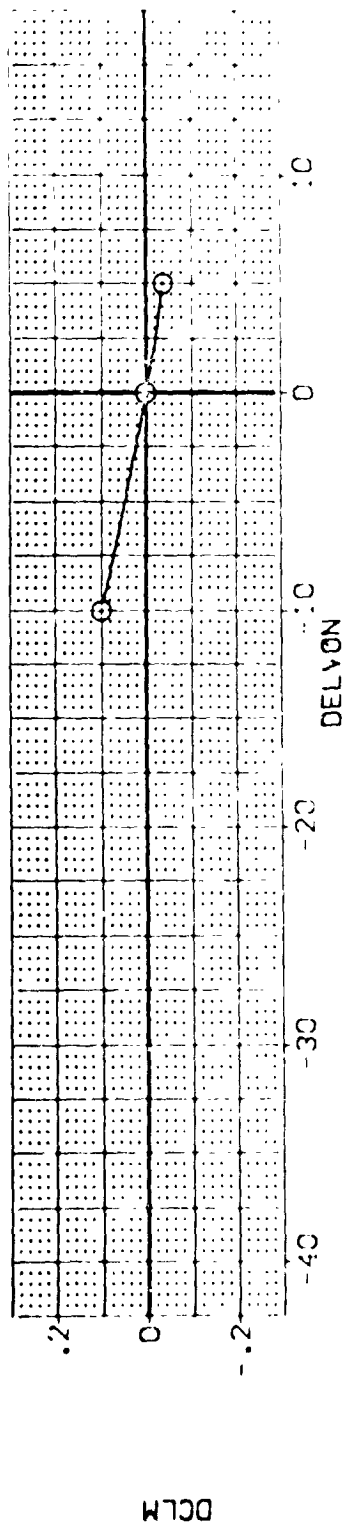
[illegible]

FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

CA62B B26C9 M7F8 W116E30V8R5X9 (EDZ250)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
○	25.000	ALRON	.200 BOFLAP	DELTON	SREF 4.4119
		SPDRK	.000 RLODER	EDZ249	REF 19.2729
			25.000 BETA	EDZ249	REF 37.9349
					XREF 43.5874
					YREF .0000
					ZREF 15.1875
					SCALE .0405

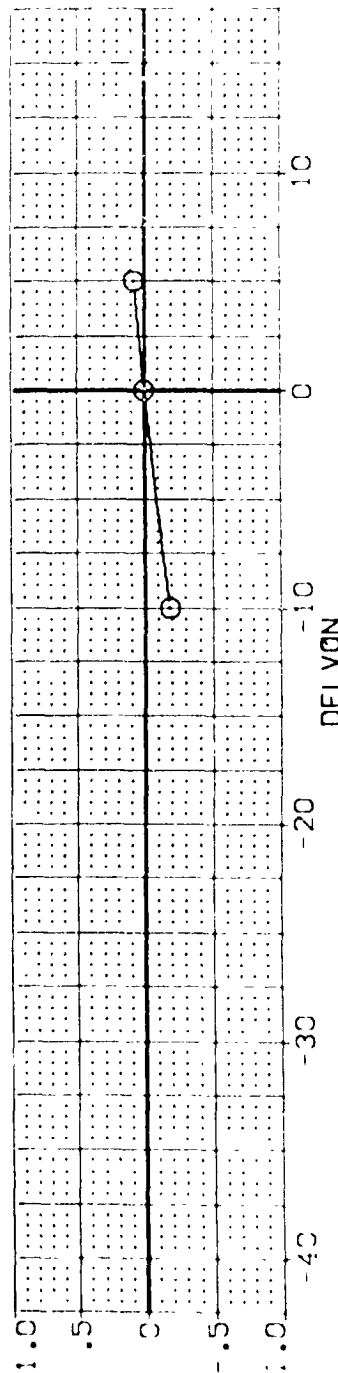
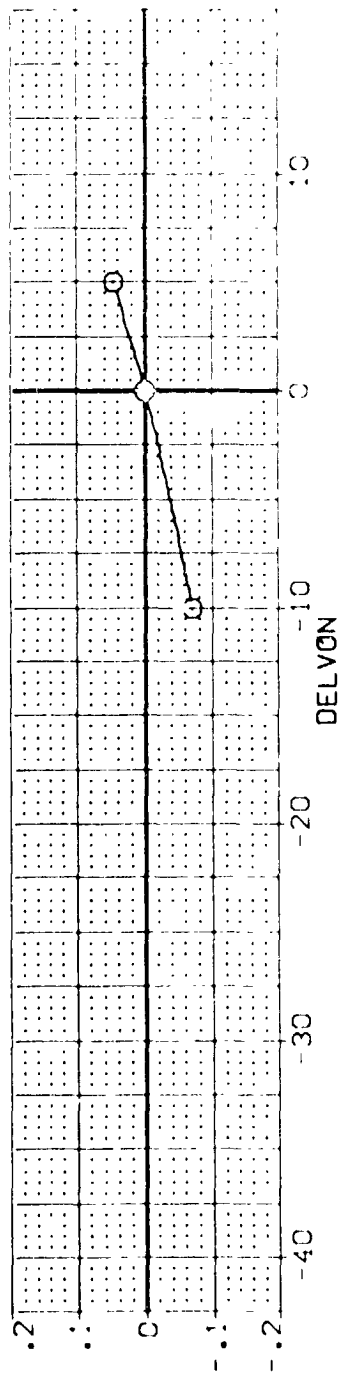
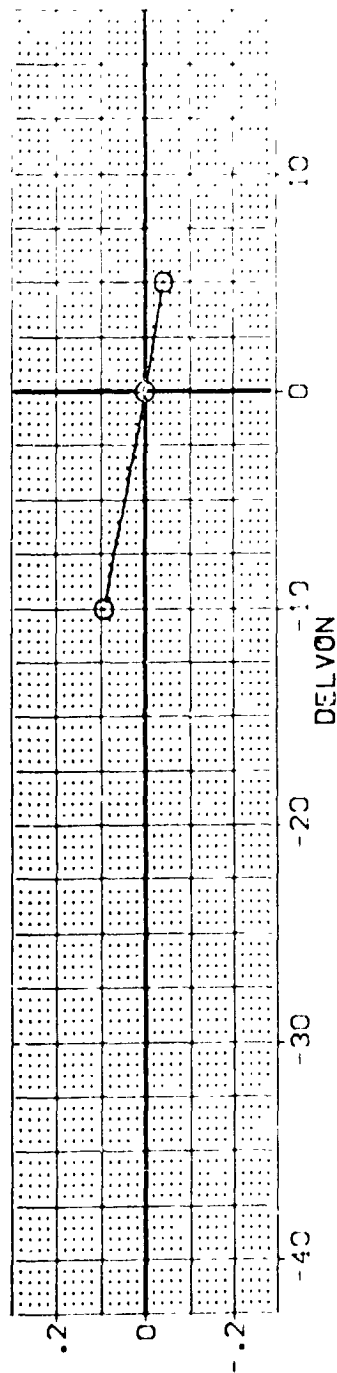


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

0A62B B26C9 M7F8 W1:6E30V8R5X9 (EDZ25C)

SYMBOL	ALPHA	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
○	30.000	MACH .700 BOFLAP .000 R-LODER 75.000 BETA	DELTON -10.000 5.000	SPREF 4.4119
			DATASET EDZ25C	SPREF 19.2292
			EDZ24B	SPREF 37.9356
				YREF 43.9874
				YREF .0000
				ZREF 15.1875
				SCALE .0405

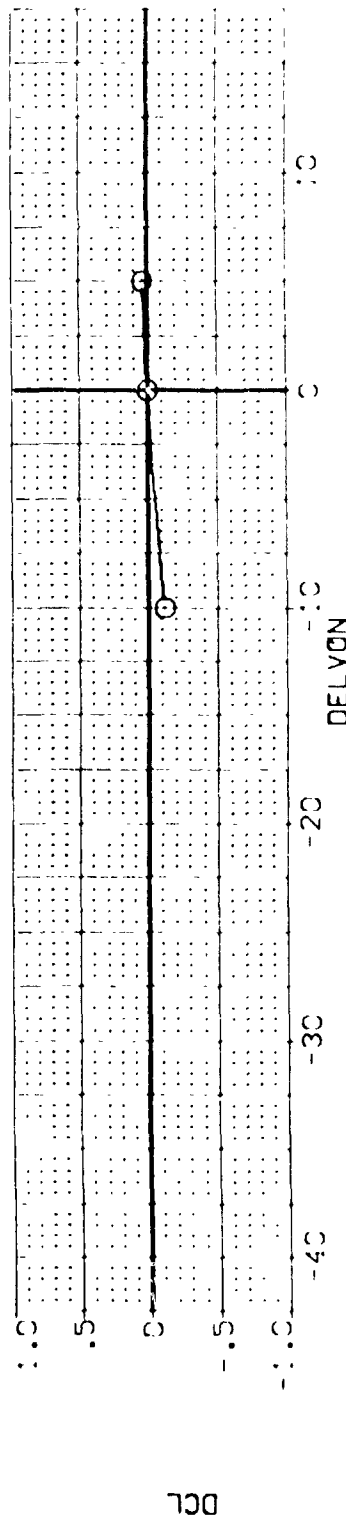
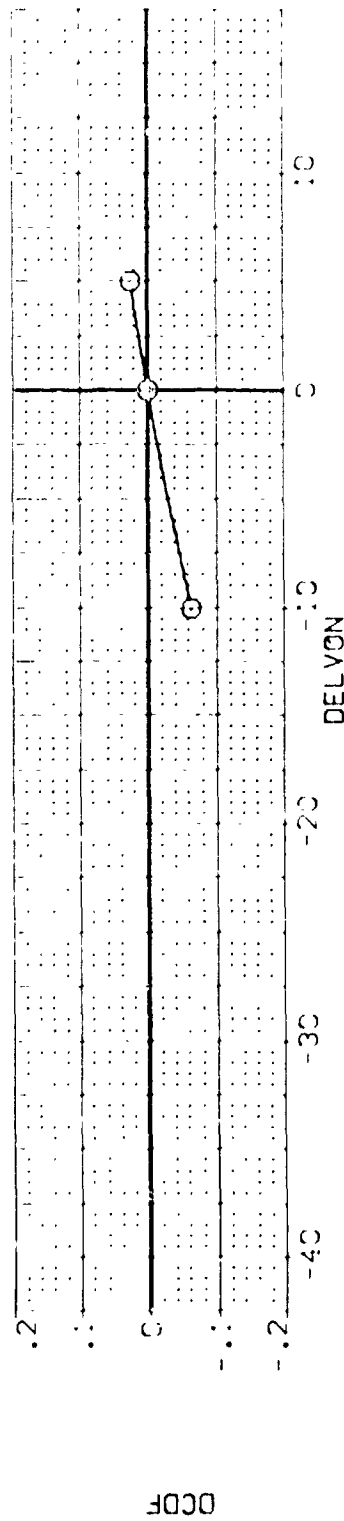
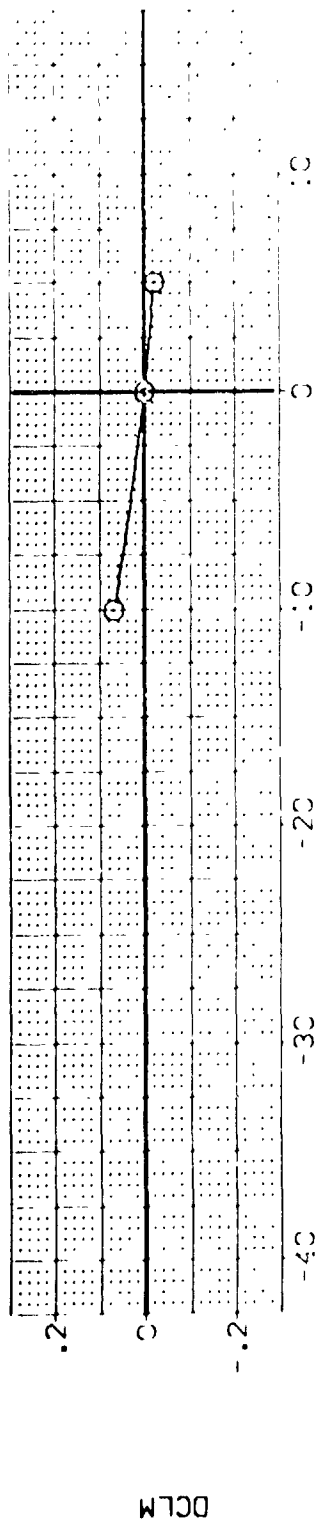


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

CA62B B26C9 M7F8 W116E30V8R5X9 (EDZ250)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
		MACH	BOXLAP	RUDDER	BETA	DELTON	DATASET	DELTON	SREF	LINE	SCALE
○	.000	.200	.000	.000	.000	-10.000	EDZ250	.000	19.2298	REF	1:1
		SPDRK	25.000	BETA	.000	5.000	EDZ249		37.9359	REF	1:1
									43.5974	REF	1:1
									.0000	REF	1:1
									15.1875	REF	1:1
									.0405	SCALE	1:1

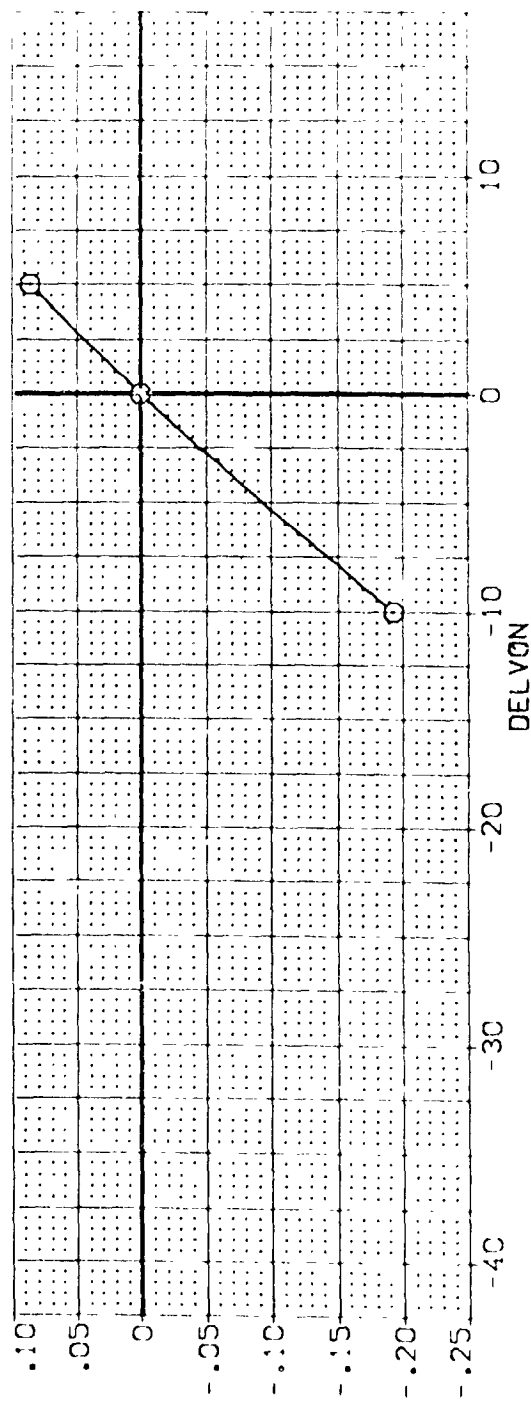
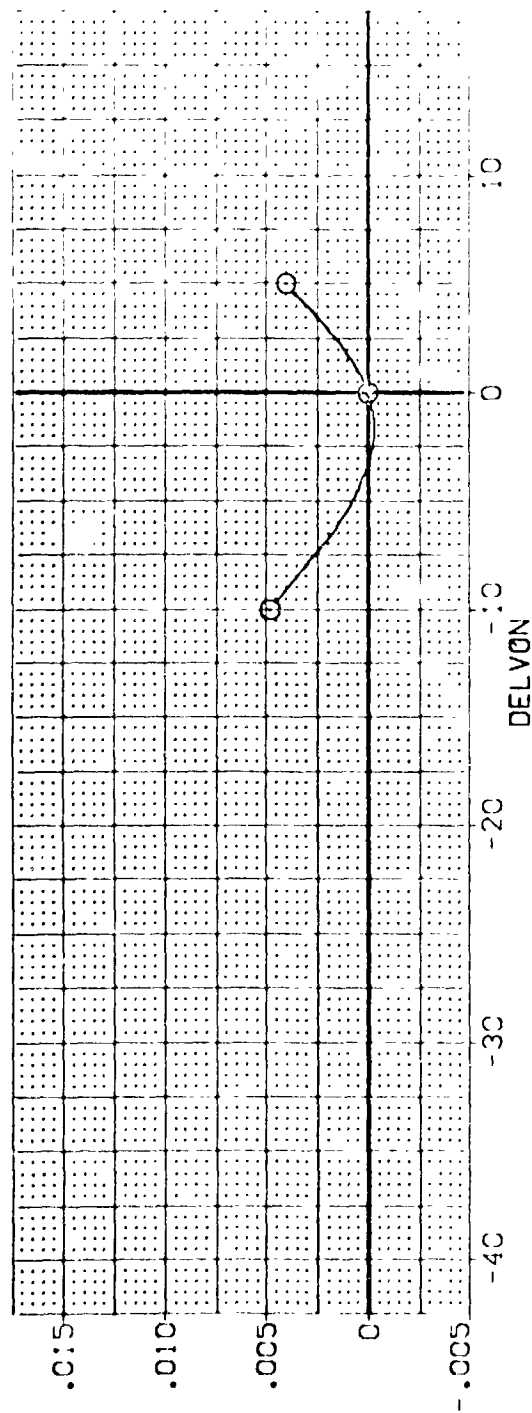


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

0A62B B26C9 M7F8 W116E30V8R5X9 (EDZ2250)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
		MACH	BOFLAP	RJODER	BETA	DELTON	DATASET	SREF	LREF	BREF	SCALE
○	5.000	.200	.000	.000	.000	-10.000	EDZ250	4.4119	19.2298	37.9359	SC.FT.
		AILRON				5.000	EDZ249	43.5874	43.5874	.0000	NC.FS
		SPOBRK	75.000					43.5874	43.5874	.0000	NC.FS
								15.1875	15.1875	.0405	SCALE

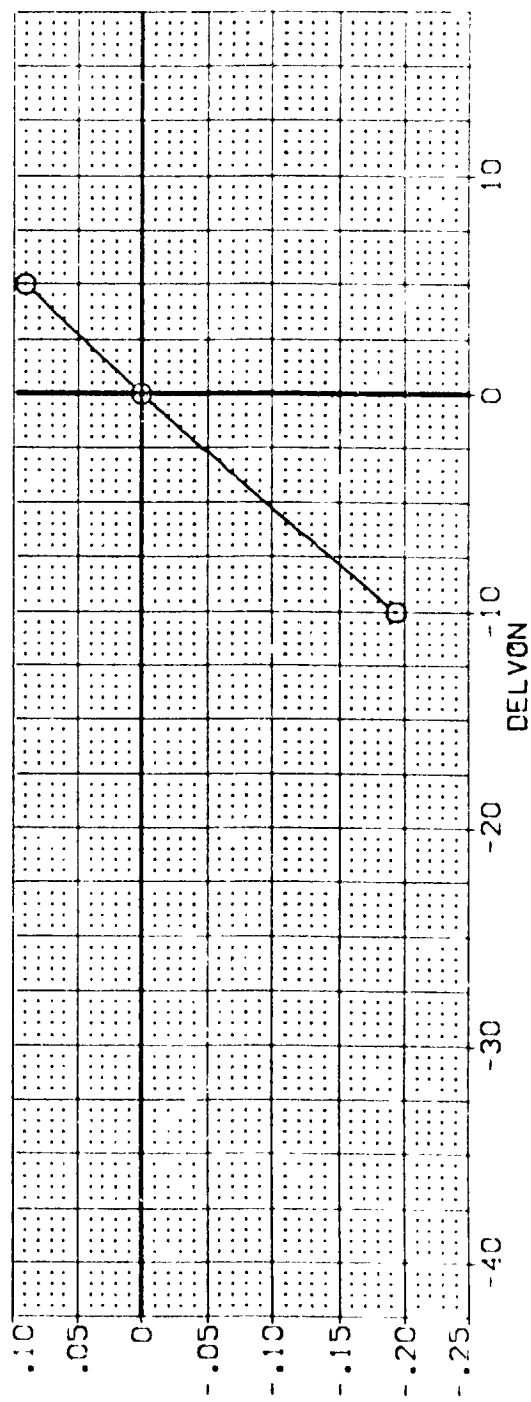
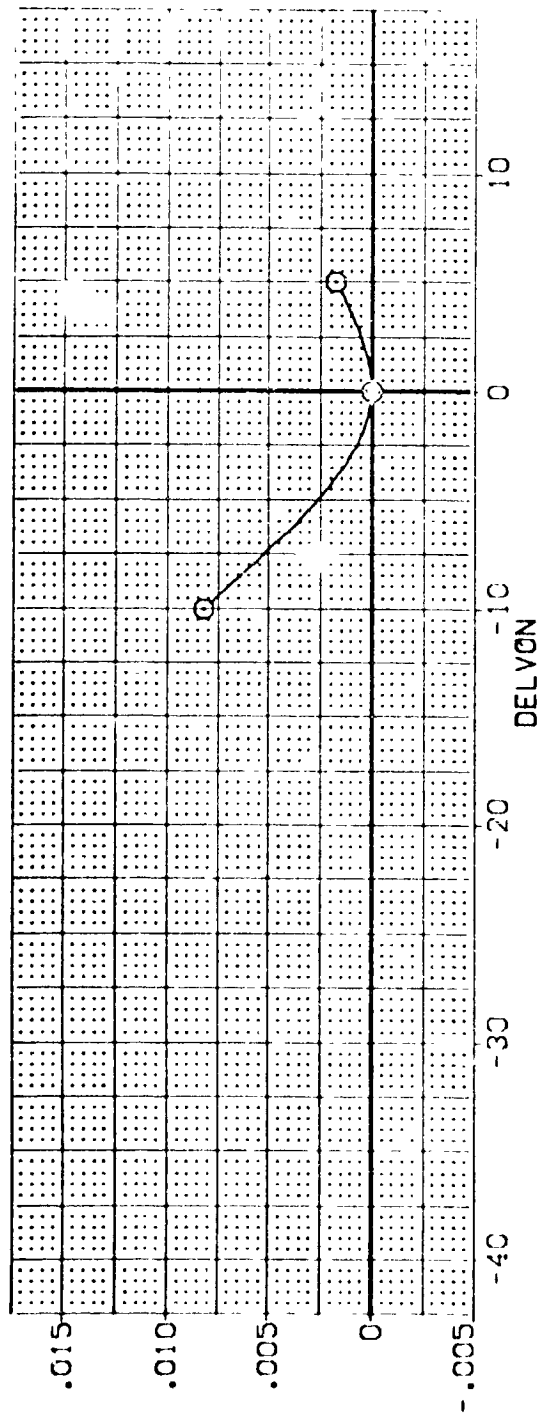


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

(EDZ250)

0A62B B26C9 M7F8 W116E30V8R5X9

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES		DATA SOURCE		REFERENCE INFORMATION	
○	10.000	A1LRON	.200	BOFLAP	-12.000	DATASET	DELTON	SRFF
		SPOBRK	.000	RUDER	.000	EDZ250	.000	LREF
			25.000	BETA	.000	EDZ249		BRFF
								XMRP
								YMRP
								ZMRP
								SCALE
								4.419
								19.2299
								37.9359
								43.9974
								.0000
								15.1875
								.0405
								SCALE
								SCALE
								SCALE

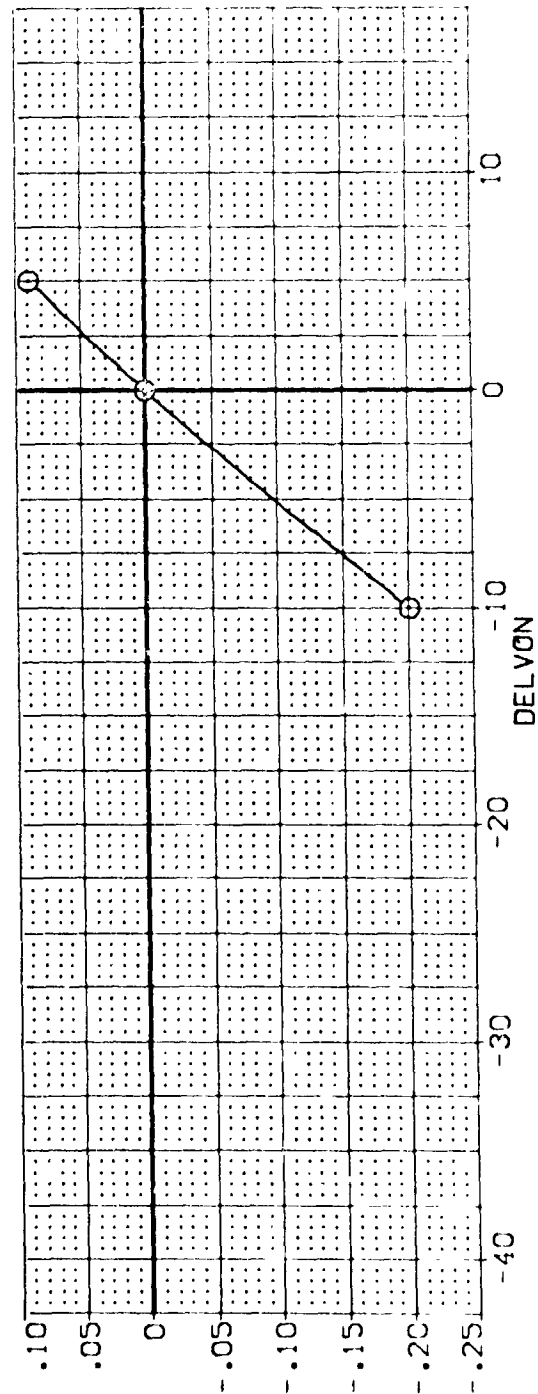
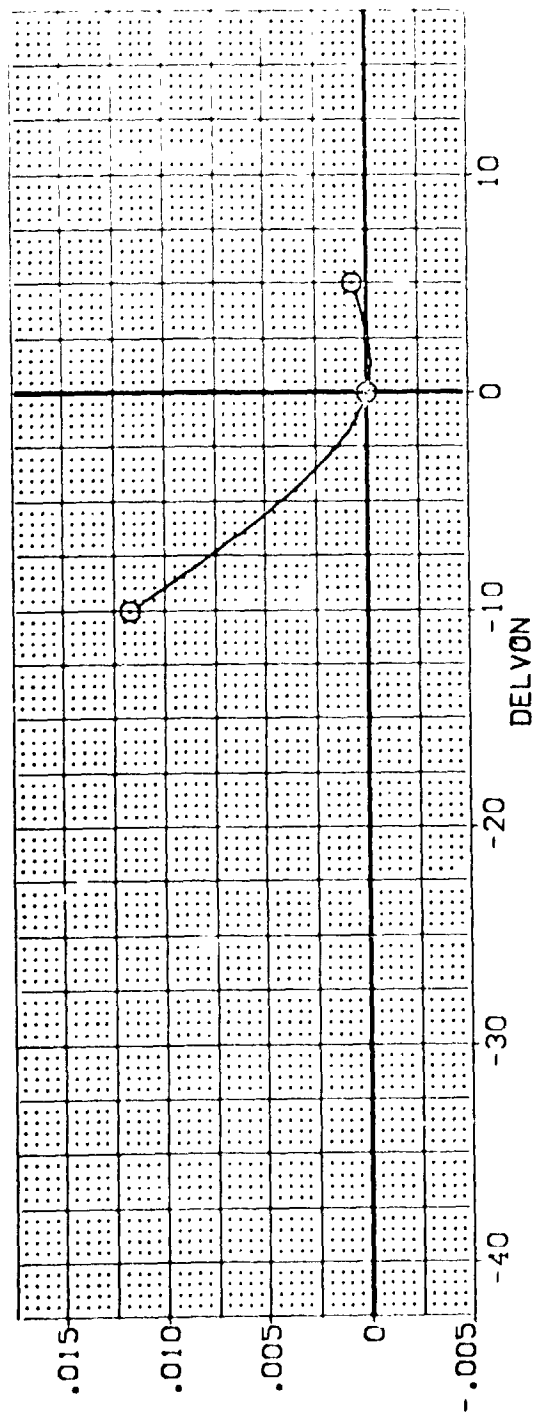


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

0A62B B26C9 M7F8 W116E30V8R5X9 (EDZ250)

SYMBOL		PARAMETRIC VALUES		DATA SOURCE		REFERENCE INFORMATION	
○	ALPHA	MACH	BOFLAP	DELTON	DELTON	REF	SCALE
	15.000	.200	.000	-10.000	.000	4.4119	SCAL
	AILRON	RUDER	EDZ250	5.000	EDZ248	19.2289	INCHES
	SPDRK	BETA	EDZ249			37.9369	INCHES
						43.5974	INCHES
						.0000	INCHES
						15.1875	INCHES
						.0405	SCALE

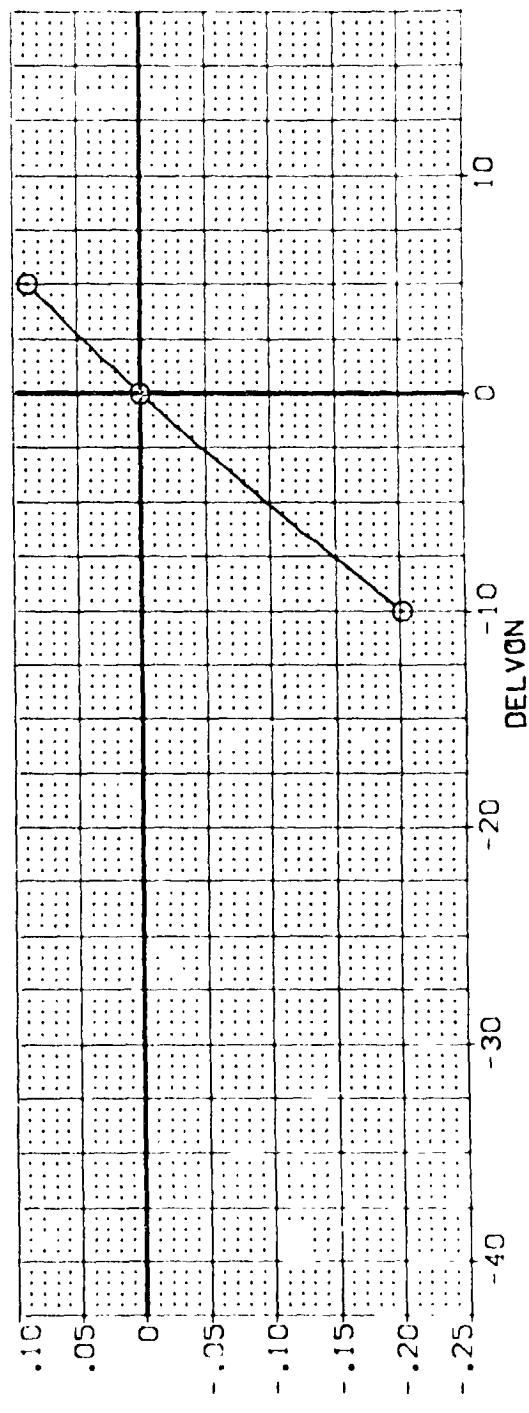
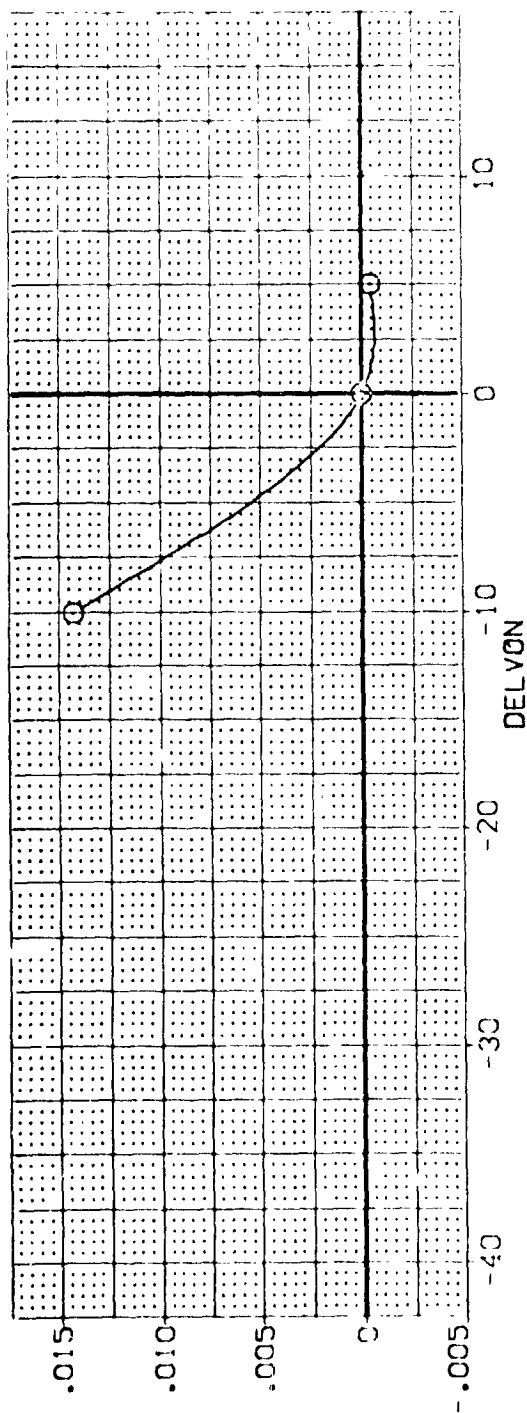


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

(EDZ250)

0A628 B26C9 M7F8 W116E30V8R5X9

SYMBOL	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
	ALPHA	MACH	BOFLAP	RUDDER	BETA	DELTON	DATASET	DELTON	SREF	SCALE
○	20.000	AIRLON	.200	.000	25.000	-10.000	EDZ250	.000	4.4119	NC-ES
		SPOBRK				5.000	EDZ249		19.2299	NC-ES
									37.9359	NC-ES
									43.5974	NC-ES
									0.000	NC-ES
									15.1875	NC-ES
									.0405	SCALE

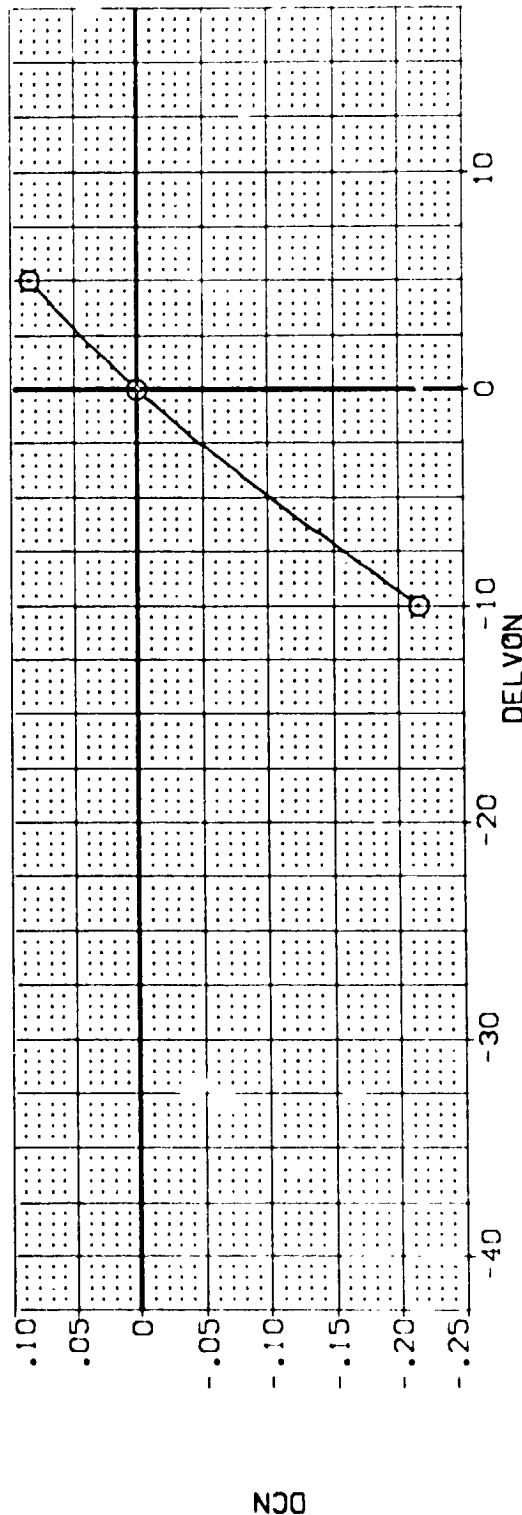
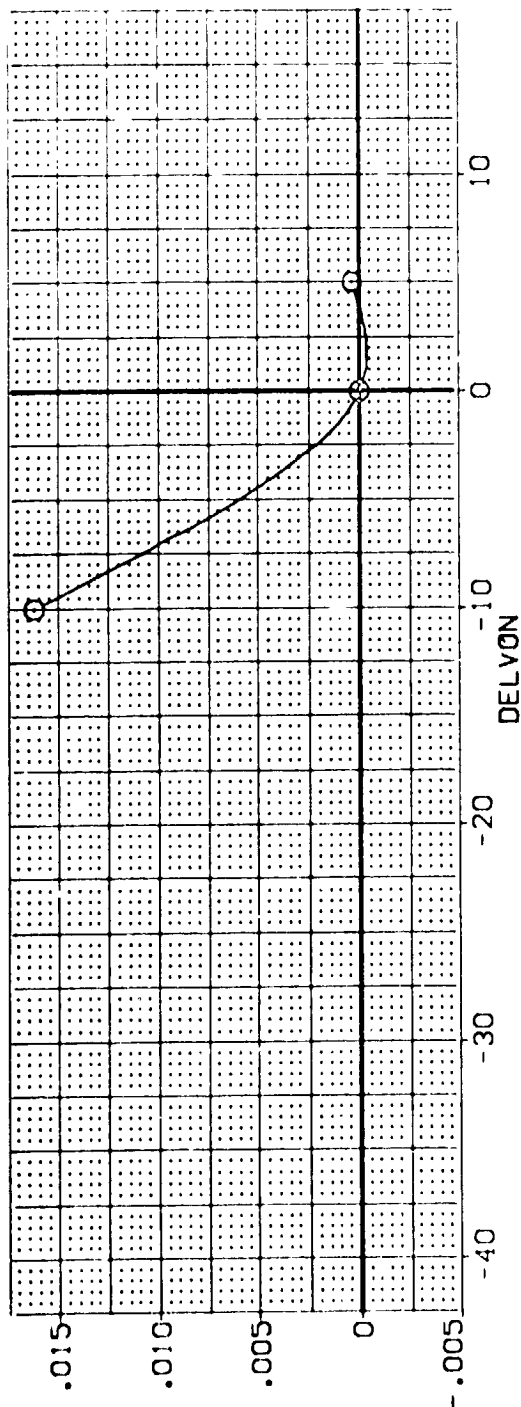


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

0A62B B26C9 M7F8 W116E30V8R5X9 (EDZ250)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES				DATA SOURCE		DELTON	DATASET	DELTON	SREF	REFERENCE INFORMATION				
			BDFLAP	RUDER	BETA		DELTON	EDZ248				LREF	SCALE	NCES	NCES	NCES	NCES
○	25.000	ATLIRON	.200	.000	25.000		-10.000	EDZ249		.000		37.9395	4.4119	37.9395	43.5974	15.1875	15.1875
		SPDBRK					5.000					YMRP		YMRP		YMRP	SCALE

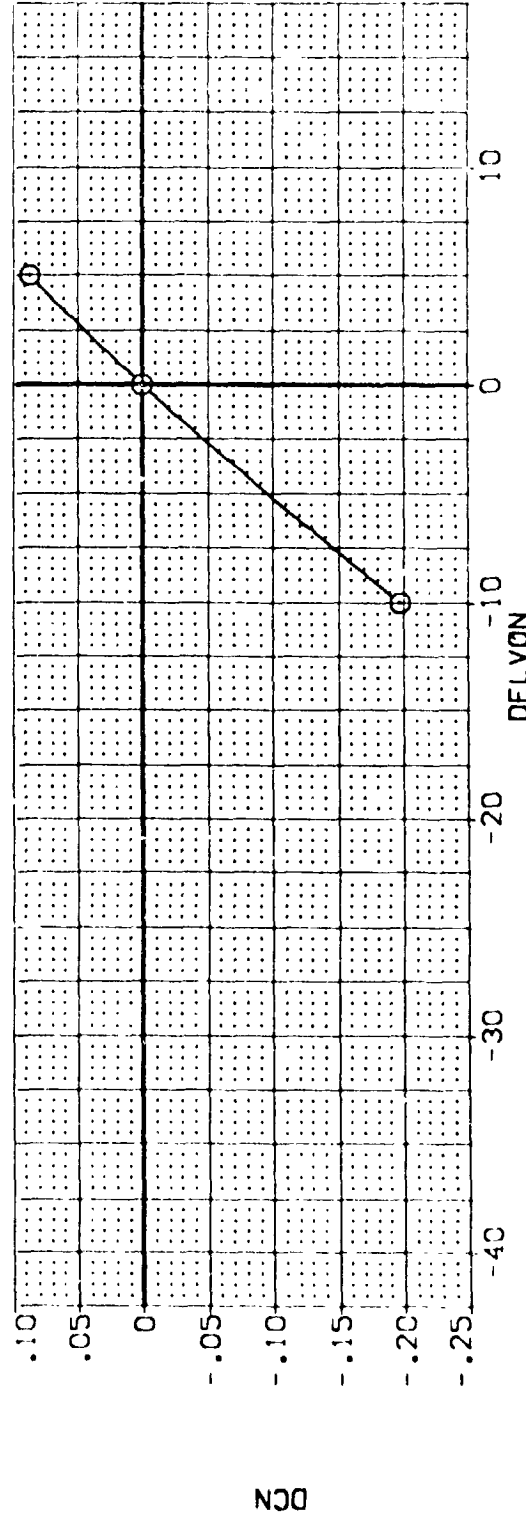
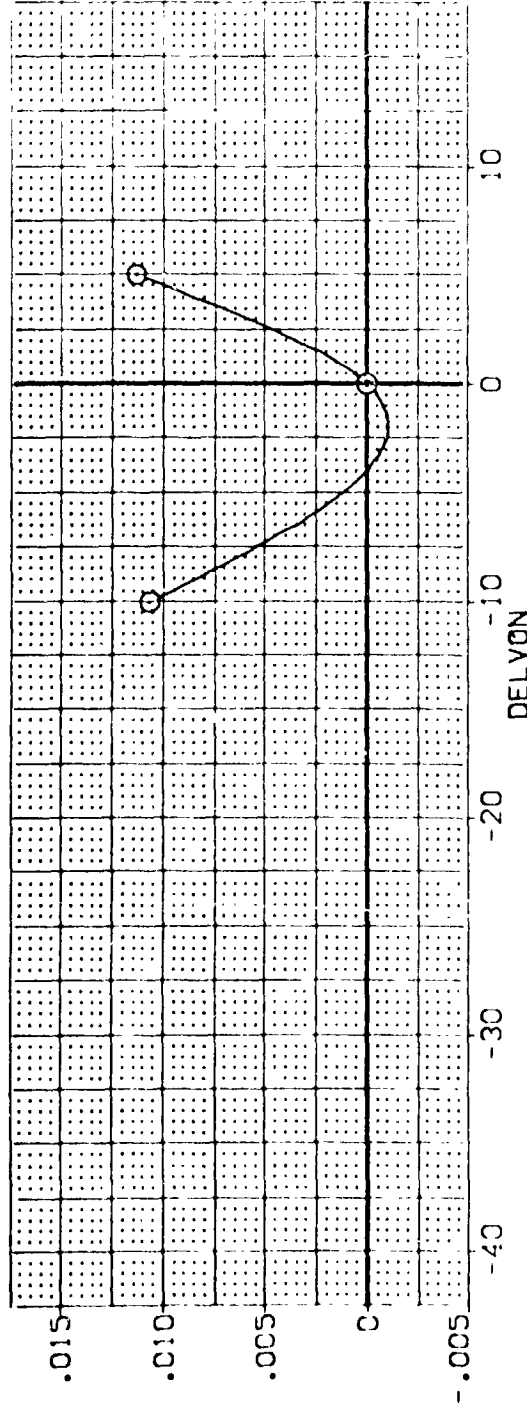


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

0A628 826C9 M7F8 W116E30V8R5X9 (EDZ250)

SYMBOL	ALPHA	PARAMETRIC VALUES			DATA SOURCE		REFERENCE INFORMATION									
	30.000	MACH	.700	BOFLAP	-12.000	DATASET	DELVON	-10.000	5.000	EDZ248	DELVON	.000	SREF	4.4119	SCALE	15.1875
		AILRON	.000	R-LODER	.000	EDZ250							LBREF	15.2759		
		SPOBRK	25.000	BETA	.000	EDZ249							BRREF	37.9359		
													XREF	43.5974		
													YREF	.0000		
													ZREF	15.1875		
													SCALE	.0405		

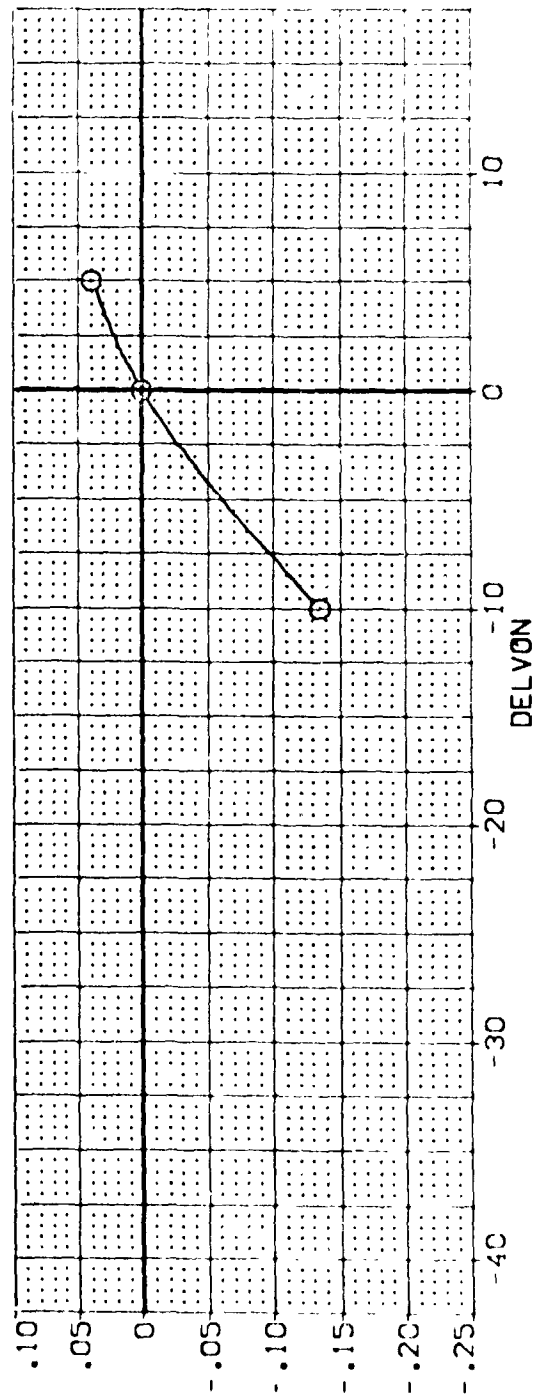
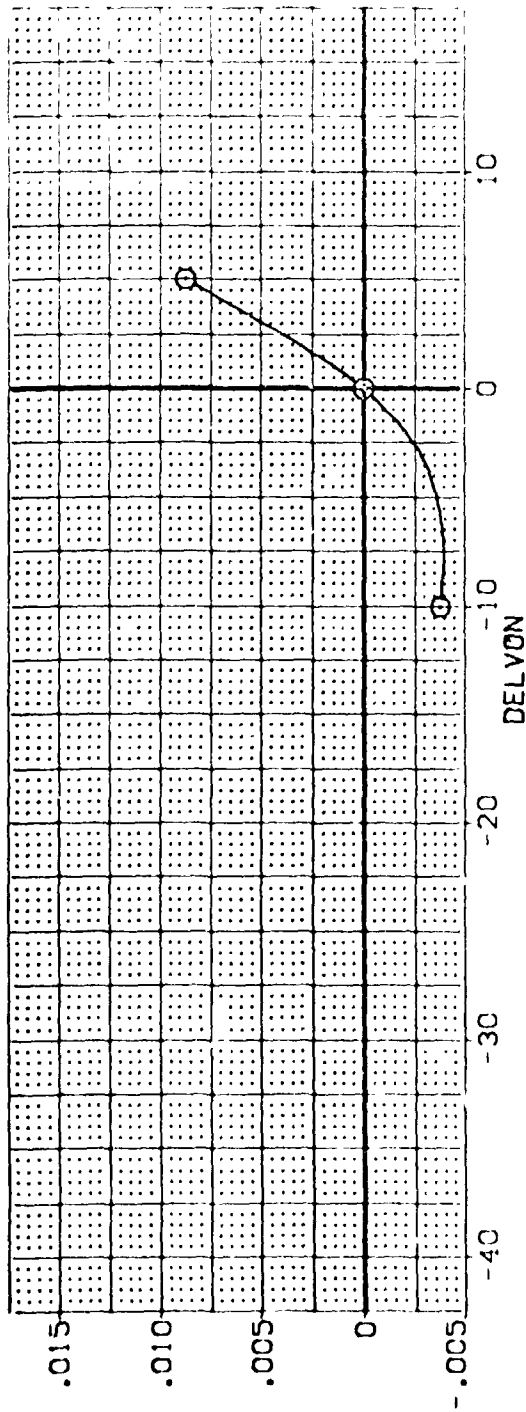


FIG 89 ELEVON EFFECTIVENESS, E30, 25 DEG. FLARE

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BOFLAP	RUDDER	REFERENCE INFORMATION
(BDZ751)	□	0A628 826C9 M7F8 V116E31V8F5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCALF 1.0000
(BDZ752)	◇	0A628 826C9 M7F8 V116E31V8F5X9	5.000	25.000	-12.000	.000	LREF 19.7298 SCALF 1.0000
(BDZ753)	△	0A628 826C9 M7F8 V116E31V8F5X9	15.000	25.000	-12.000	.000	BREF 37.9359 SCALF 1.0000
							XMRD 43.5574 SCALF 1.0000
							ZMRD .0000 SCALF 1.0000
							SCALE 15.1875 SCALF 1.0000

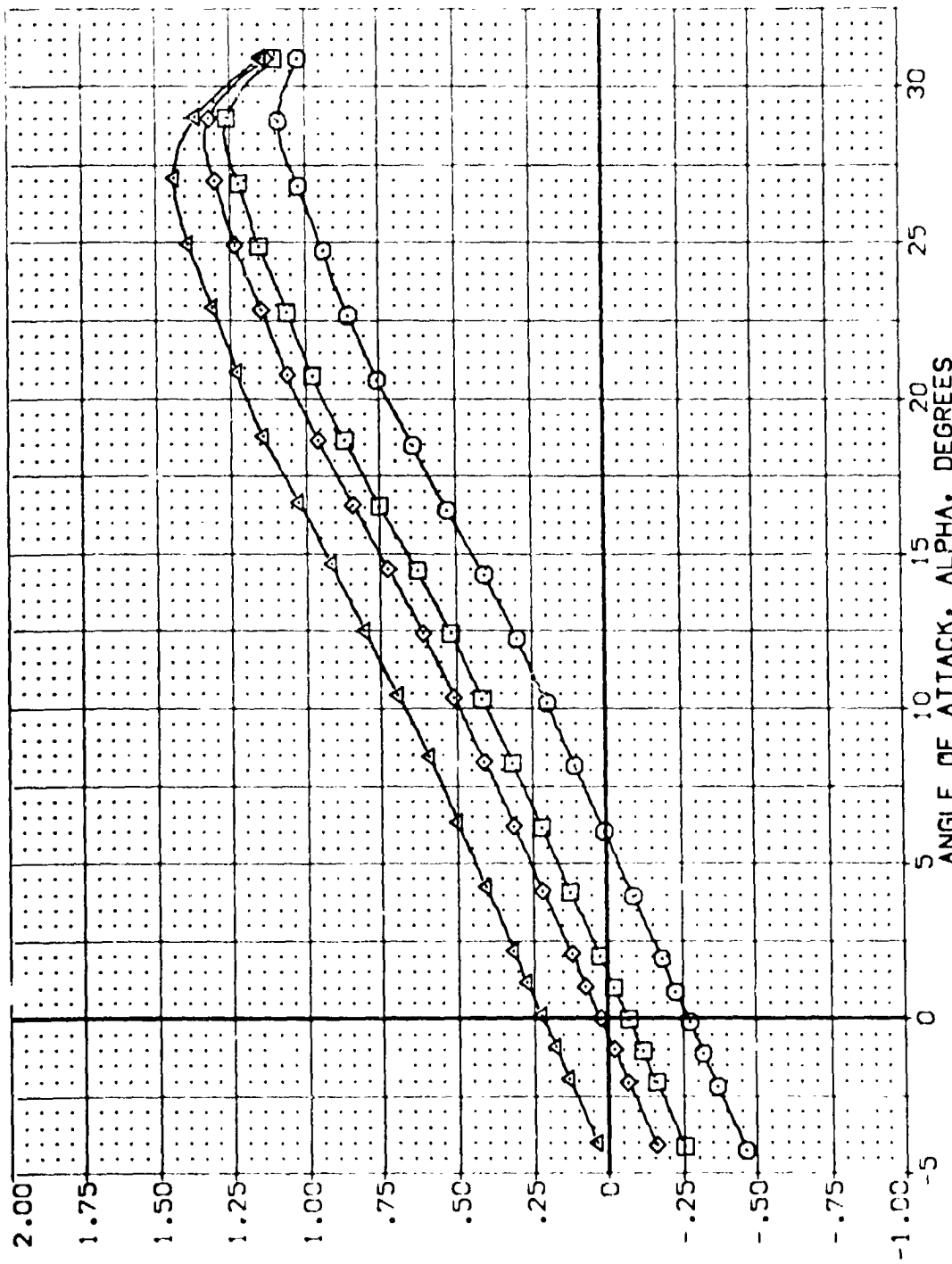


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE
 (A)MAC = .20

DATA SET SYMBOL CURVE DESCRIPTION REFERENCE INFORMATION

(807251) Q CAG28 826C9 M7F8 V116E31VBR5X9 SREF 4.4119 SQ.FT.S

(807254) X CAG28 826C9 M7F8 V116E31VBR5X9 LREF 19.7299 V.C.F.S

(807252) X CAG28 826C9 M7F8 V116E31VBR5X9 BREF 37.9359 V.C.F.S

(807253) X CAG28 826C9 M7F8 V116E31VBR5X9 XREF 43.5974 V.C.F.S

YREF 15.1875 V.C.F.S

SCALE .04CS SCALE

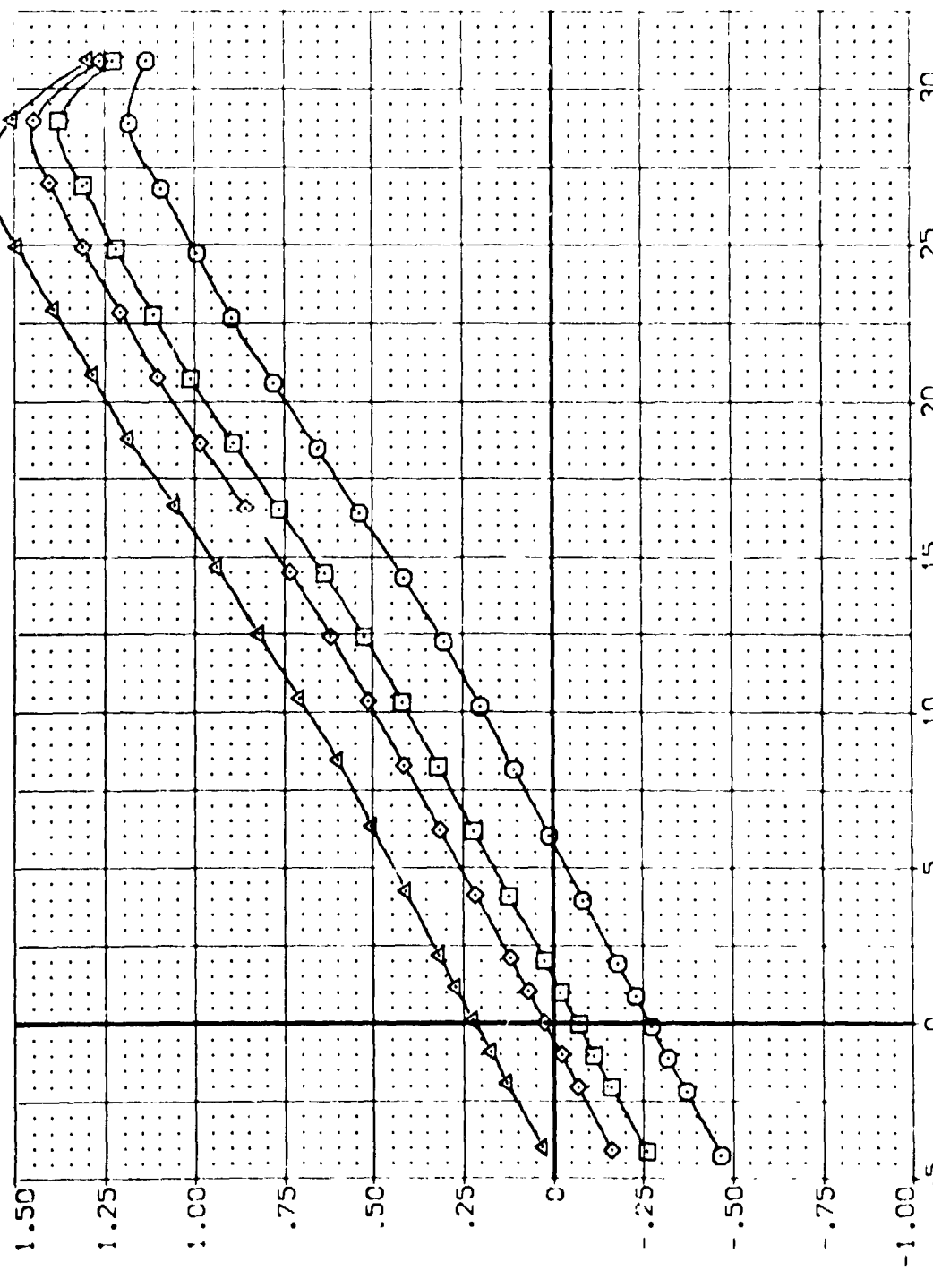


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

CAG28 = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPODBK	BOFLAP	RUDDER	REFERENCE INFORMATION
(B02751)	DA628 B06C9 M7E8 V16E31V8F5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT.
(B02752)	DA628 B06C9 M7E8 V16E31V8F5X9	.000	25.000	-12.000	.000	LREF 19.2299 NC.FT.
(B02753)	DA628 B06C9 M7E8 V16E31V8F5X9	5.000	25.000	-12.000	.000	BREF 37.9359 NC.FT.
		15.000	25.000	-12.000	.000	XREF 43.5974 NC.FT.
						YREF .0000 NC.FT.
						ZREF 15.1875 NC.FT.
						SCALE .0405

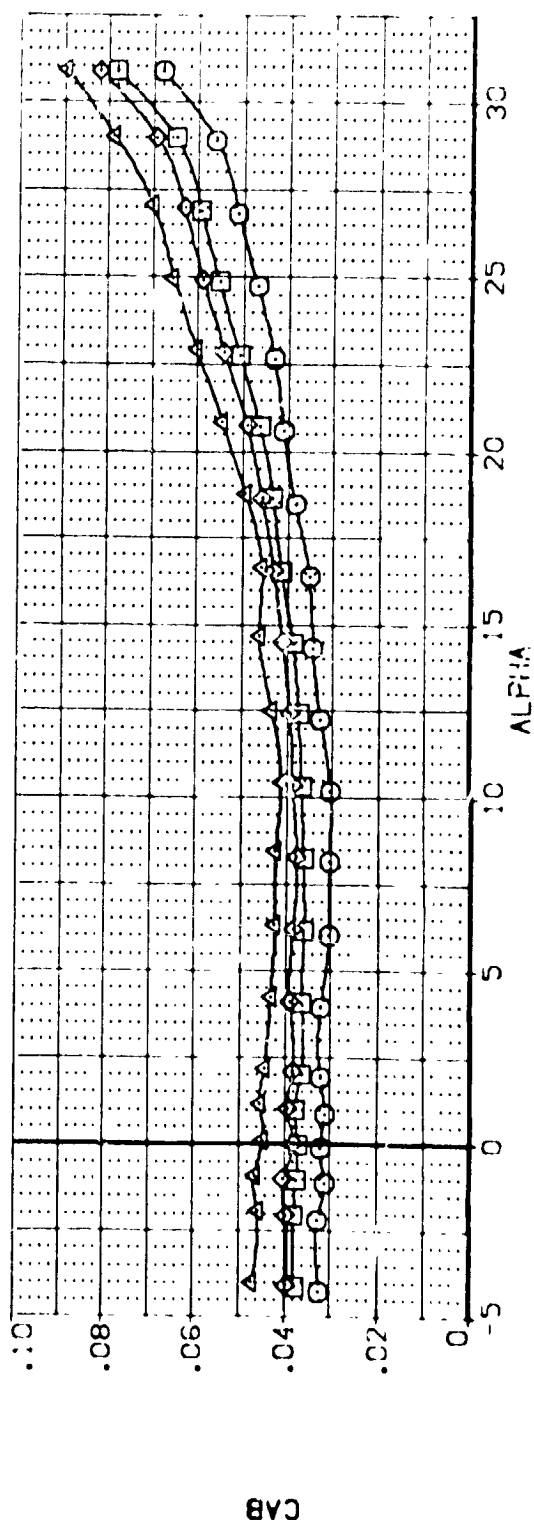
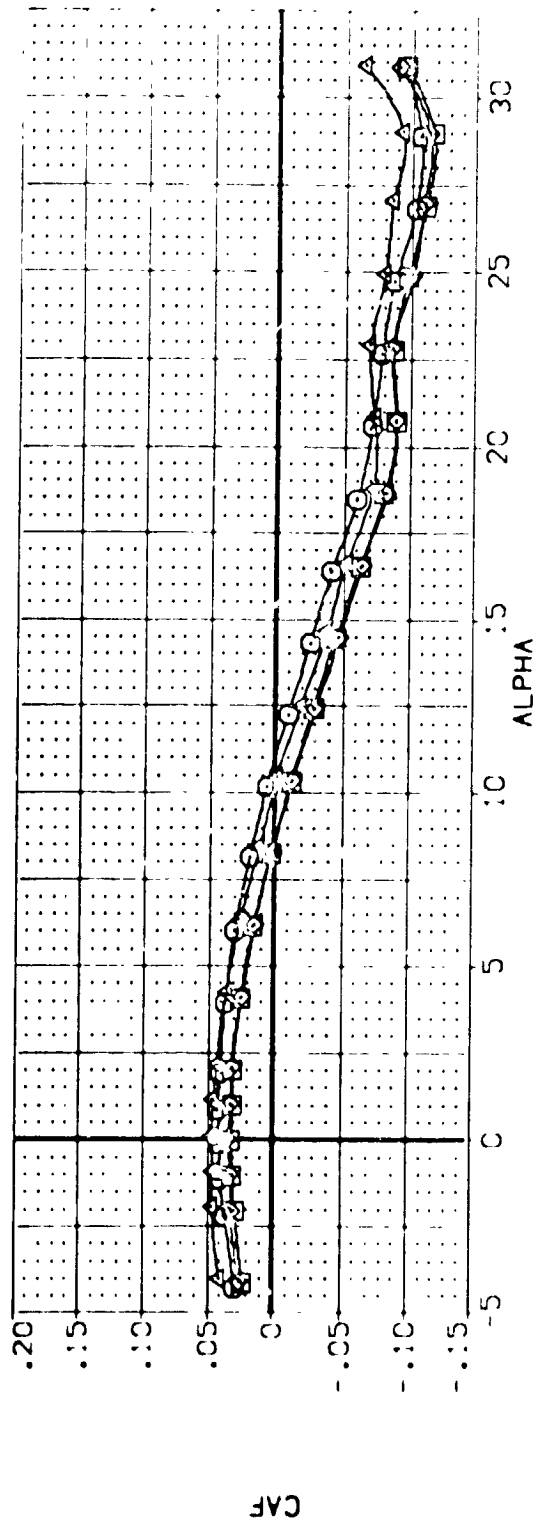


FIG 90 ELEVON EFFECTIVENESS. E31, 25 DEG. FLARE

CADMAC- = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BDFLAP	RUDDER	REF	SCALE
(B07251)	M7F8 V116E31V8P5X9	-10.000	25.000	-12.000	.000	4.4119	SCALES
(B07252)	M7F8 V116E31V8P5X9	0.000	25.000	-12.000	.000	19.2799	SCALES
(B07253)	M7F8 V116E31V8P5X9	5.000	25.000	-12.000	.000	37.9359	SCALES
(B07254)	M7F8 V116E31V8P5X9	15.000	25.000	-12.000	.000	43.5974	SCALES
(B07255)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07256)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07257)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07258)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07259)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07260)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07261)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07262)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07263)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07264)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07265)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07266)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07267)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07268)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07269)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07270)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07271)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07272)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07273)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07274)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07275)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07276)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07277)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07278)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07279)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07280)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07281)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07282)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07283)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07284)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07285)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07286)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07287)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07288)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07289)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07290)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07291)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07292)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07293)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07294)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07295)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07296)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07297)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07298)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07299)	M7F8 V116E31V8P5X9					15.0000	SCALES
(B07300)	M7F8 V116E31V8P5X9					15.0000	SCALES

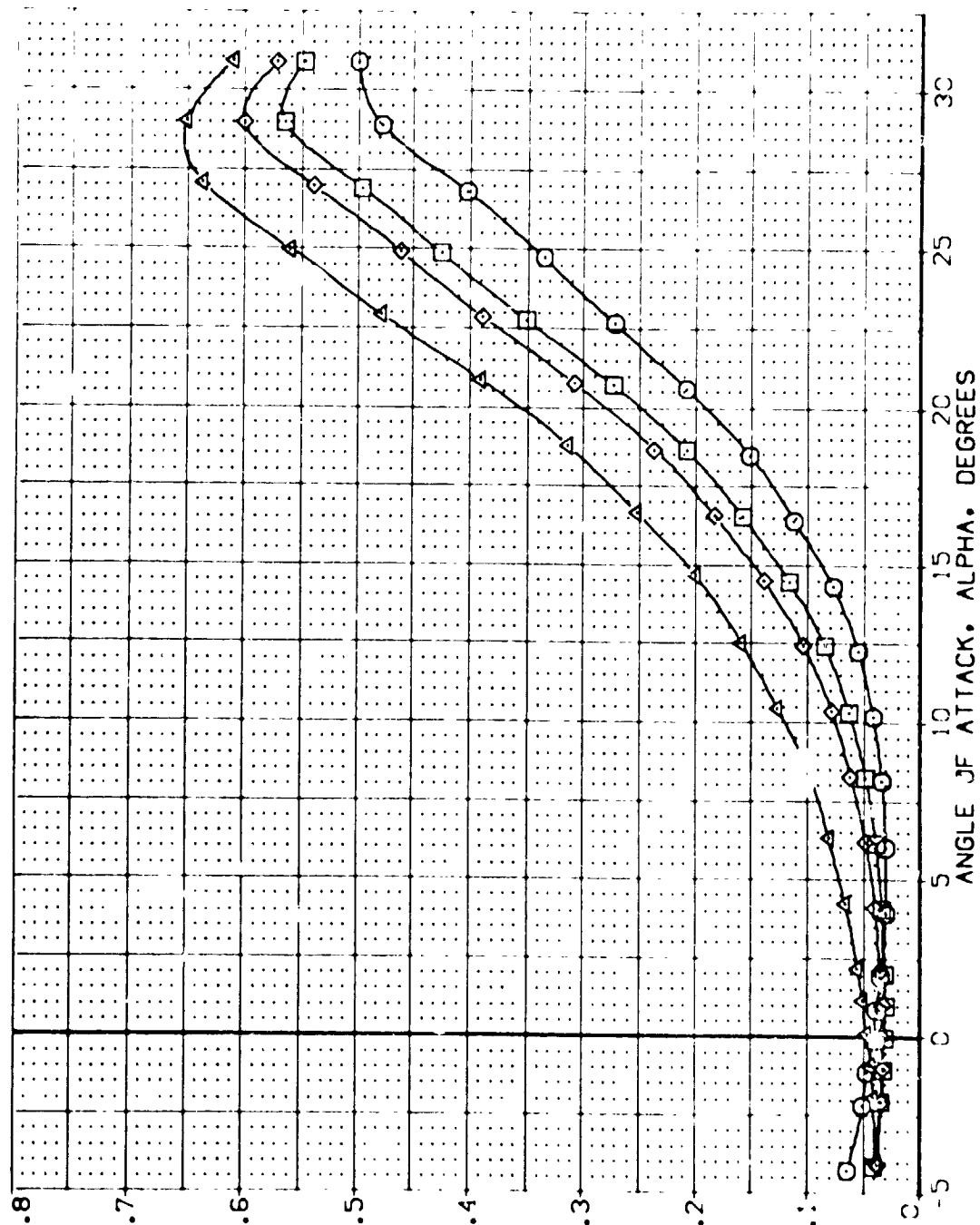


FIG 30 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

(A)WAC- .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BOFLAP	RJODER	REFERENCE INFORMATION
[BD7251]	0A628 B26C9 M778 V116E31VBR5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT
[BD7254]	0A628 B26C9 M778 V116E31VBR5X9	.000	25.000	-12.000	.000	REF 19.7299 SQ.FT
[BD7252]	0A628 B26C9 M778 V116E31VBR5X9	5.000	25.000	-12.000	.000	BREF 37.5339 SQ.FT
[BD7253]	0A628 B26C9 M778 V116E31VBR5X9	15.000	25.000	-12.000	.000	XREF 43.5974 SQ.FT
					.000	YREF .0000 SQ.FT
					.000	ZREF .0000 SQ.FT
					.000	SCALE 15.1875 SQ.FT

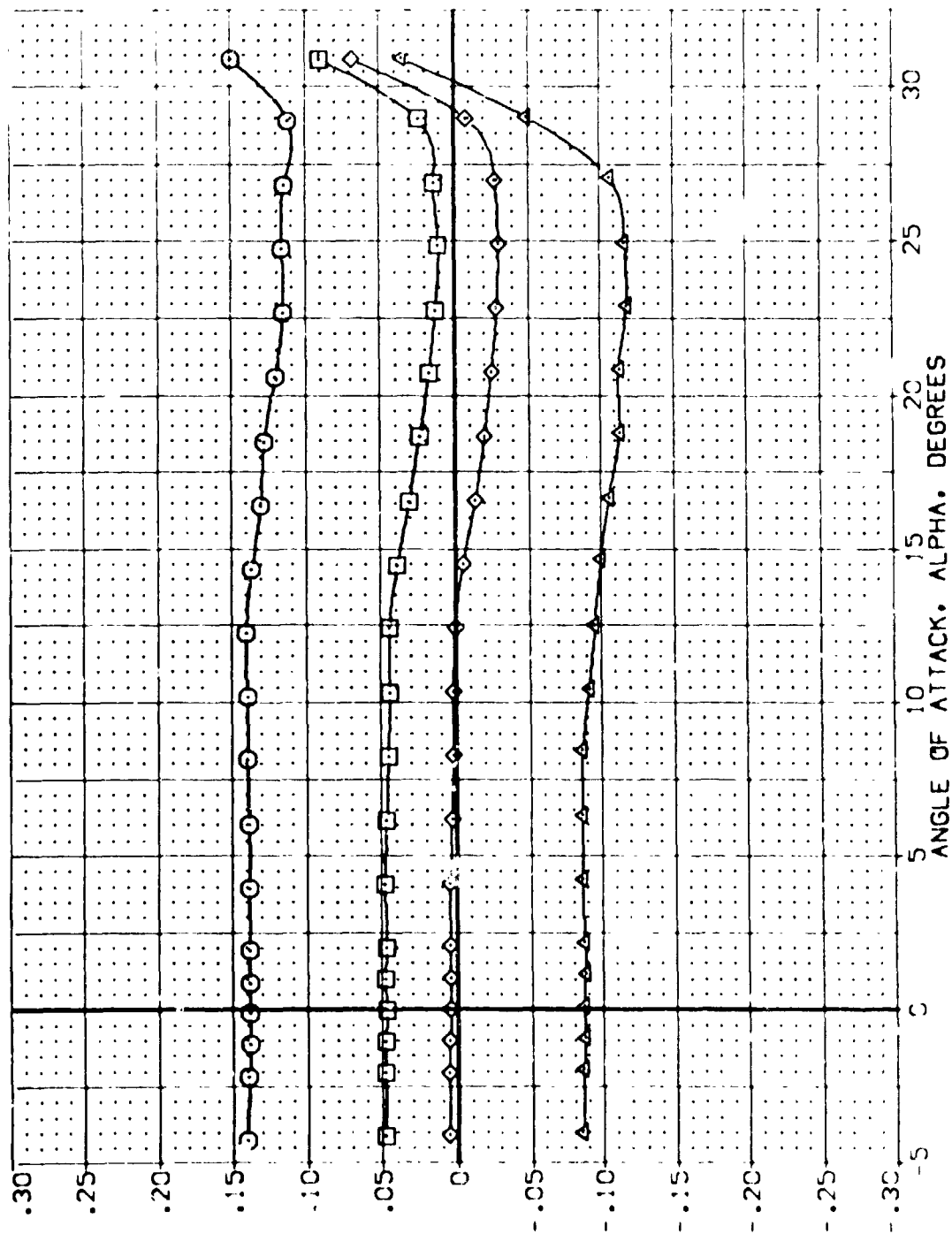


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

DATA SET SYMBOL CONF [GURATION DESCRIPTION

(B0Z751)	Q	RA628	B26C9	M7F8	V116E31VBR5X9
(B0Z752)	X	DA628	B26C9	M7F8	V116E31VBR5X9
(B0Z753)		DA628	B26C9	M7F8	V116E31VBR5X9

ELEVON SPEEDK BOFLAP RUDDER REFERENCE INFORMATION

-10.000	25.000	-12.000	.000	SREF	1.4119	SCALE
.000	25.000	-12.000	.000	LREF	19.2299	SCALE
5.000	25.000	-12.000	.000	BREF	37.9359	SCALE
15.000	25.000	-12.000	.000	XMRP	43.5974	SCALE
				YMRP	15.1875	SCALE
				ZMRP	.0405	SCALE

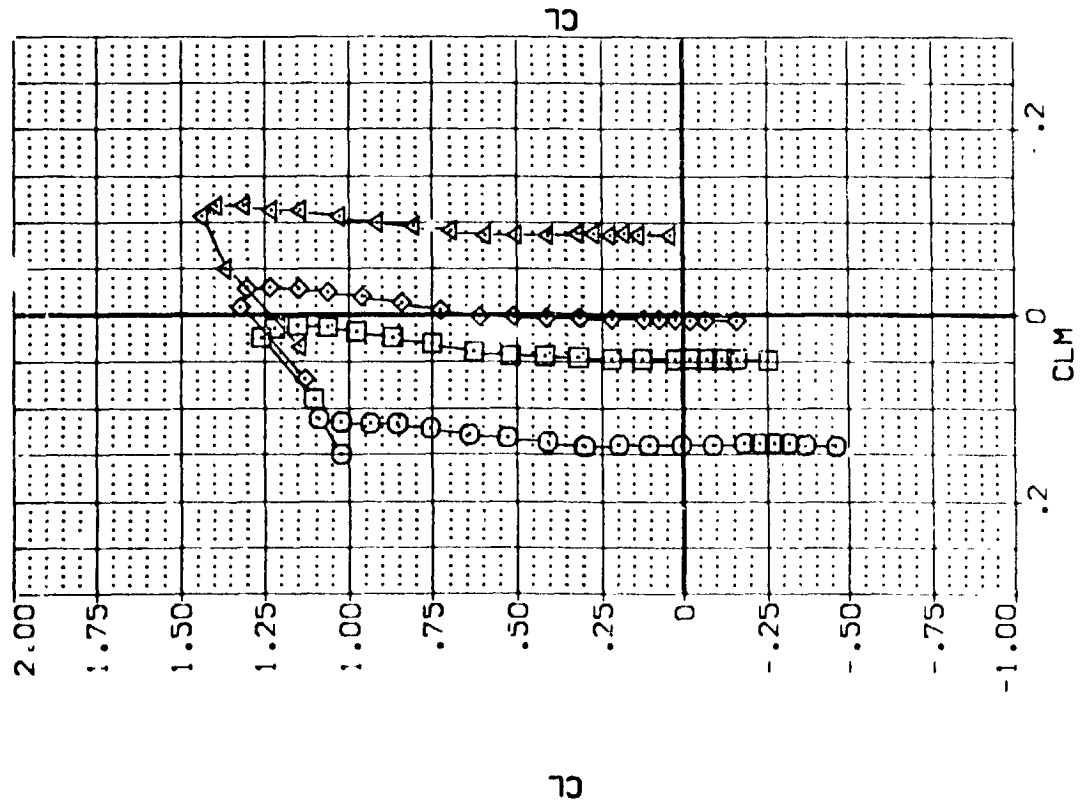


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

(A)MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BOFLAP	RUDER	REFERENCE INFORMATION
(BD2251)	CA628 B26C9 MT8 V1 6E31V85X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SC.F.T.
(BD2252)	CA628 B26C9 MT8 V1 6E31V85X9	.000	25.000	-12.000	.000	LREF 19.2799 NC.F.T.
(BD2253)	CA628 B26C9 MT8 V1 6E31V85X9	5.000	25.000	-12.000	.000	BREF 37.9359 NC.F.T.
		15.000	25.000	-12.000	.000	XMRP 43.5974 NC.F.T.
						ZMRP .0000 NC.F.T.
						SCALE 15.1873 NC.F.T.
						SCALE .0405

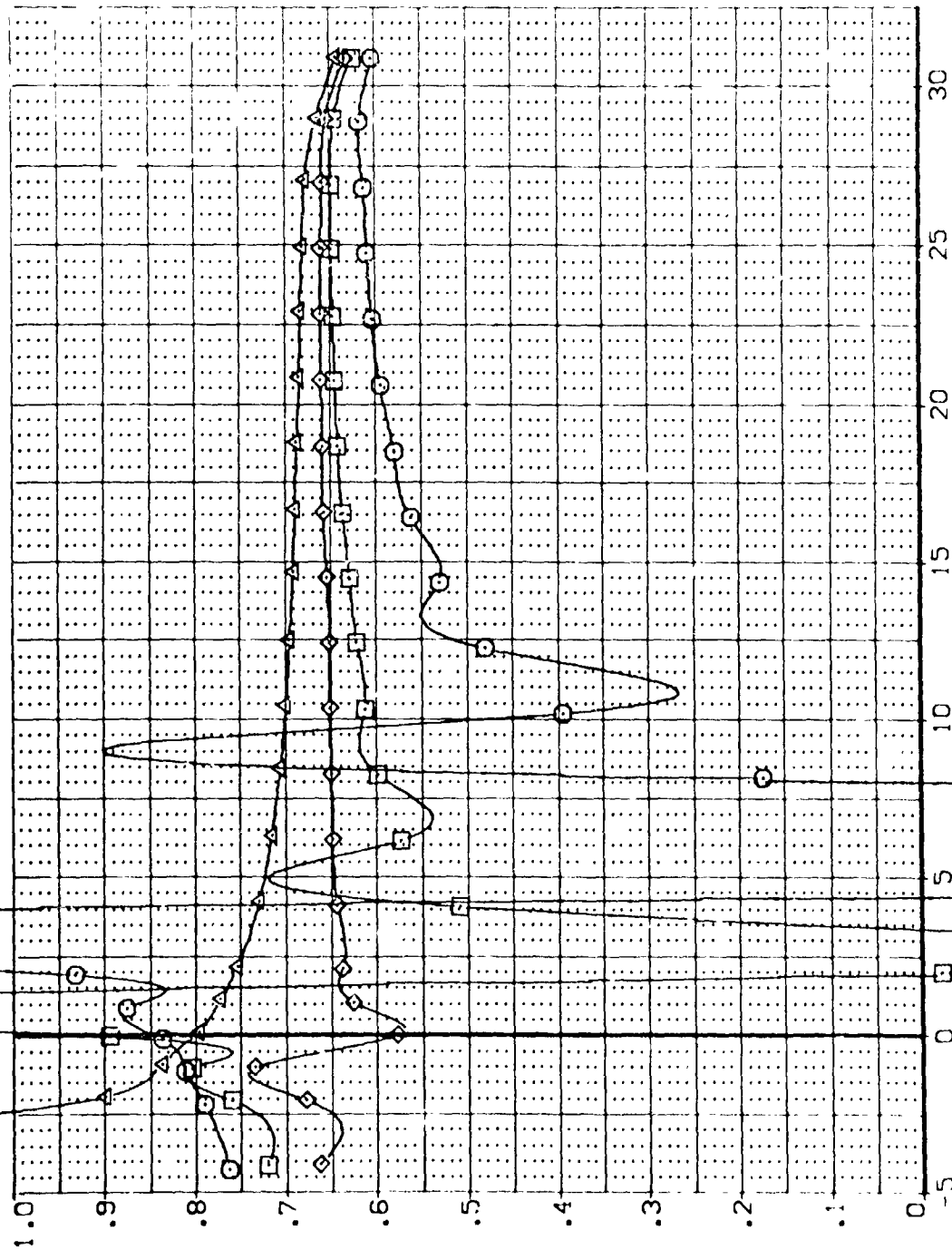


FIG 90 ELEVON EFFECTIVENESS, E31. 25 DEG. FLARE

(A)MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPLANK	BOFLAP	RUDDER	REFERENCE INFORMATION
[802251]	0A628 B26C9 M7F8 V116E31V8R5X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SC.F.T.
[802254]	0A628 B26C9 M7F8 V116E31V8R5X9	.000	25.000	-12.000	.000	LREF 19.2298 NC.F.T.
[802252]	0A628 B26C9 M7F8 V116E31V8R5X9	5.000	25.000	-12.000	.000	BREF 37.9359 NC.F.T.
[802253]	0A628 B26C9 M7F8 V116E31V8R5X9	15.000	25.000	-12.000	.000	XMRP 43.3974 NC.F.T.
						YMRP .0000 NC.F.T.
						ZMRP .0000 NC.F.T.
						SCALE 15.187% NC.F.T.

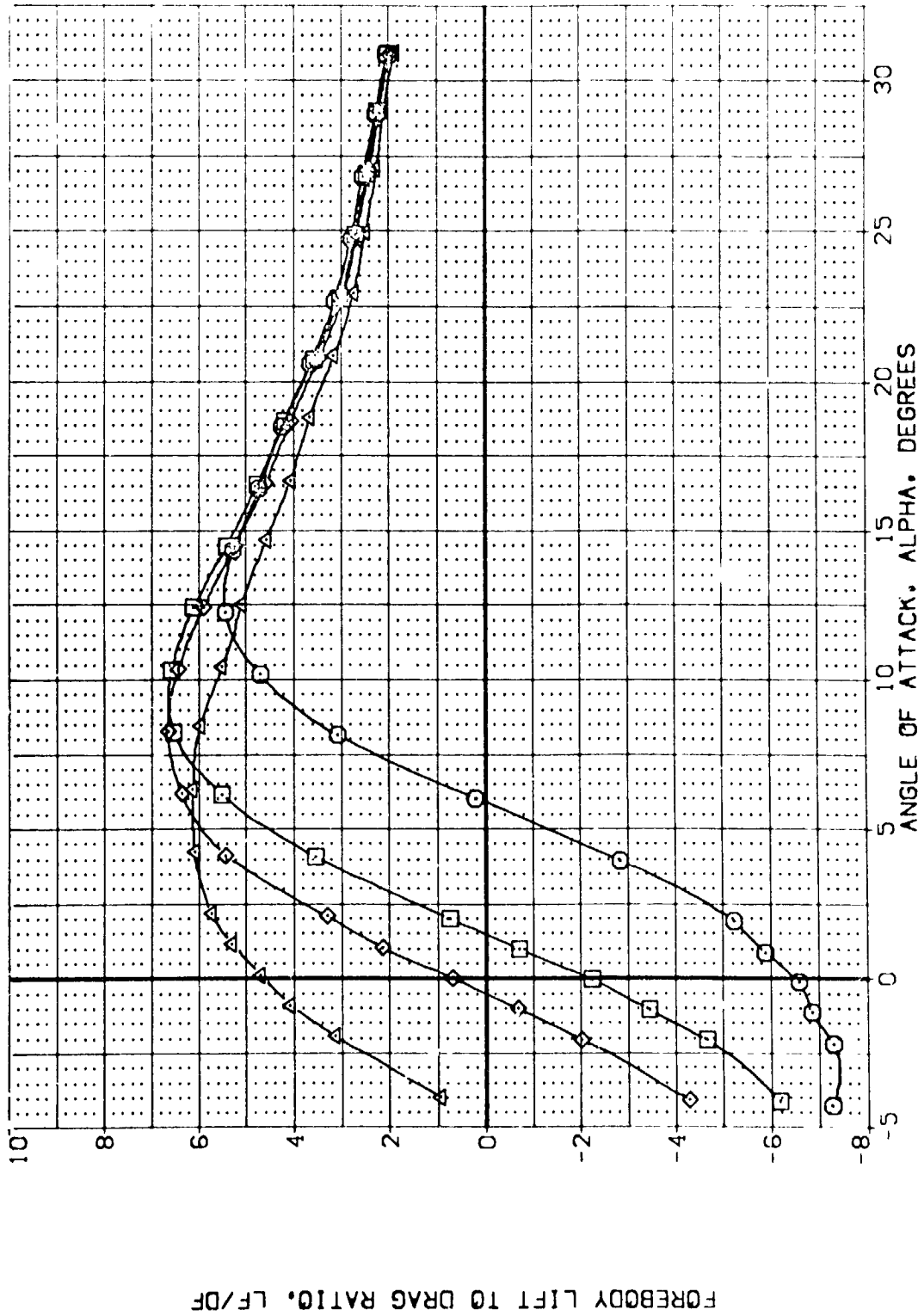


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

(A)MACH = .20

0A62B B26C9 M7F8 W116E31V8R5X9

(EDZ251)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
		MACH	BOFLAP	RUDER	BETA	DELTON	DATASET	SREF	LREF	SCAL	SCALE
○	.000	.000	.000	.000	.000	-10.000	EDZ251	.000	.000	4.4119	19.7299
		AILRON				5.000	EDZ252	15.000	37.9358	43.5974	15.1875
		SPDRK	25.000						7.000	15.1875	15.1875

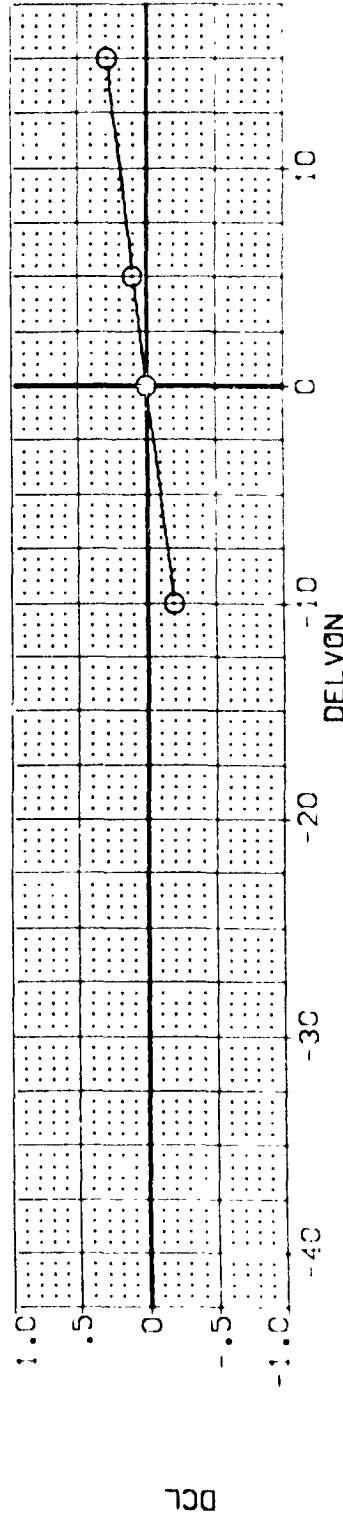
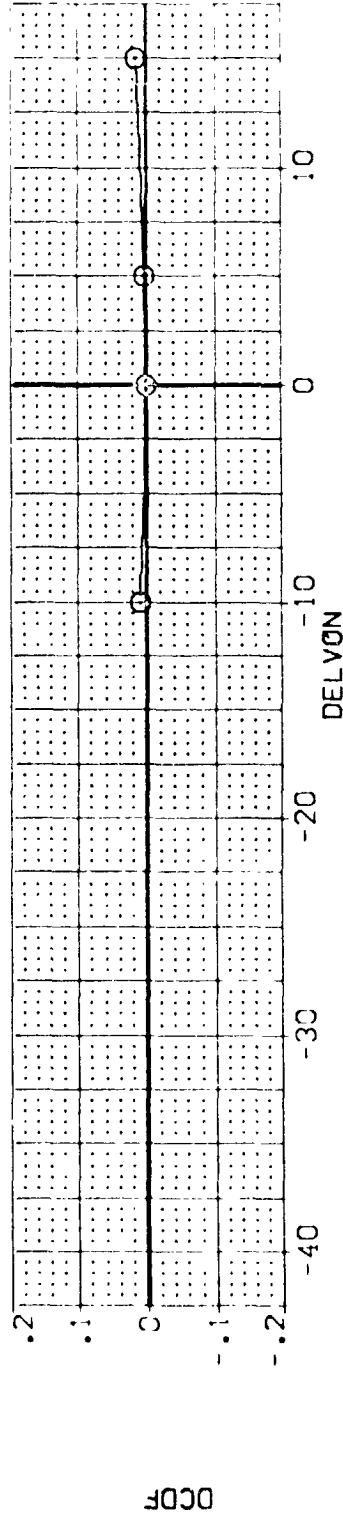
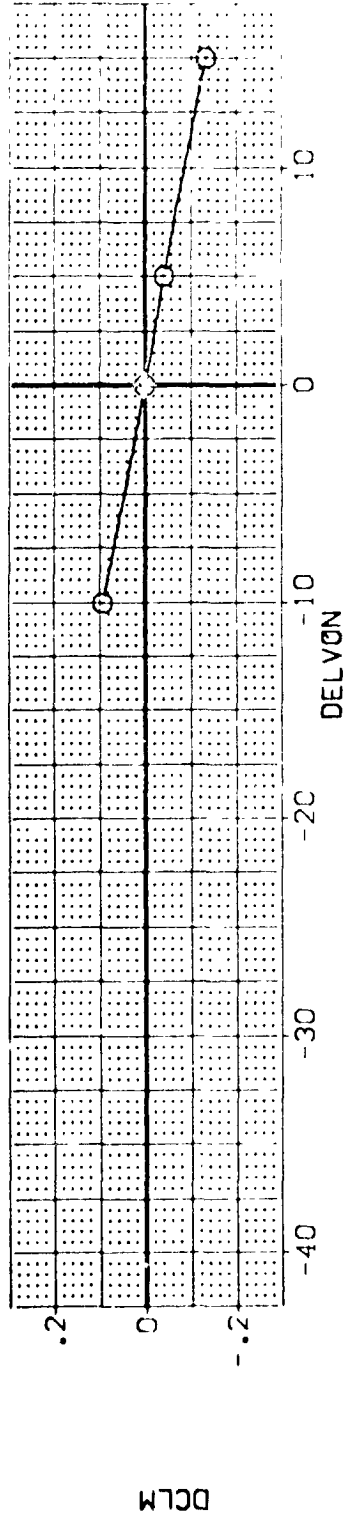


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

(EDZ251)

0A62B B26C9 M7F8 W116E31V8R5X9

SYMBOL	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
	ALPHA	MACH	BOFLAP	RUDDER	BETA	DELTON	DATASET	DELTON	SREF	SCALE
○	5.000		.200	.000	75.000	-10.000	EDZ251	.000	4.418	SO.F.T.
						5.000	EDZ252	15.000	19.2359	NC.F.T.
									37.9359	NC.F.T.
									43.5974	NC.F.T.
									.000	NC.F.T.
									15.1875	NC.F.T.
									.000	SCALE

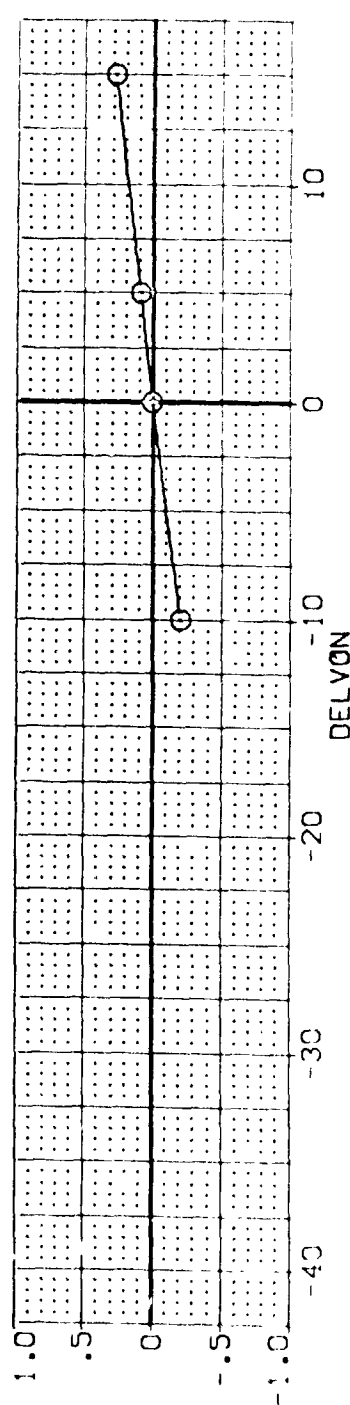
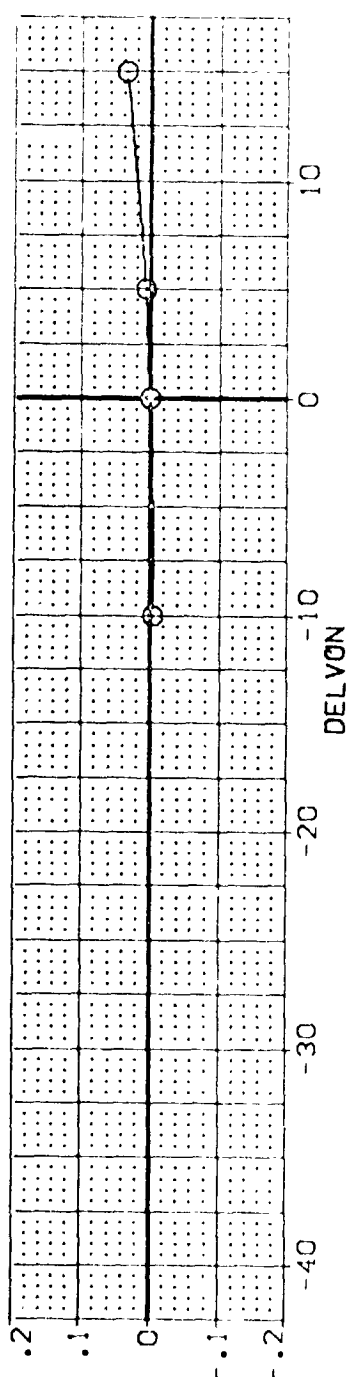
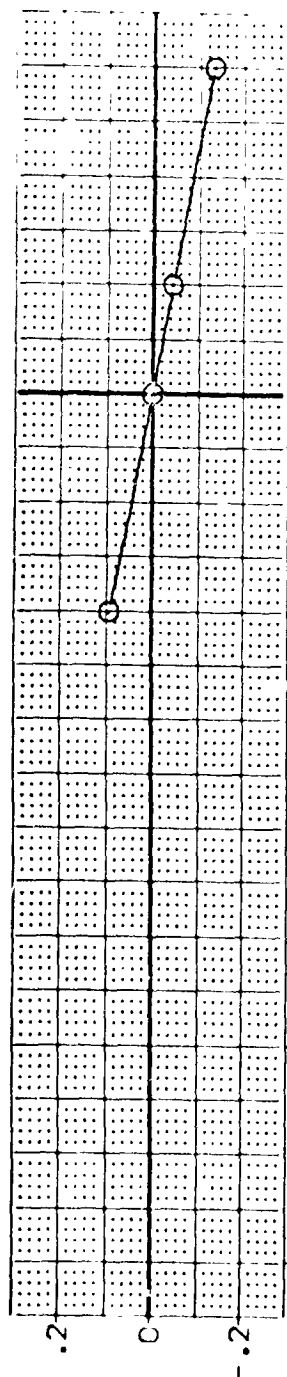


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

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CASE 1083

(EDZ251)

W116E31V8R5X9

M7F8

326C9

0A62B

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
0	15.000	A1LRON	.200 BDFLAP	DELTON	SREF 4.4.19
		SPURK	.000 RUOER	EDZ251	LREF 13.2799
			75.000 BETA	EDZ252	BREF 37.9359
				EDZ253	XREF 43.5874
					YREF 0.000
					ZREF 15.1875
					SCALE .0205

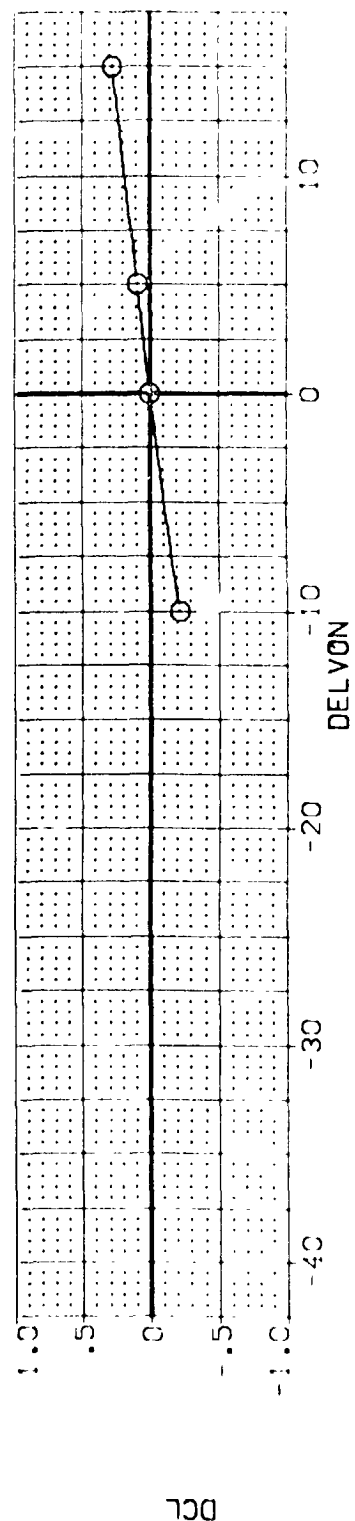
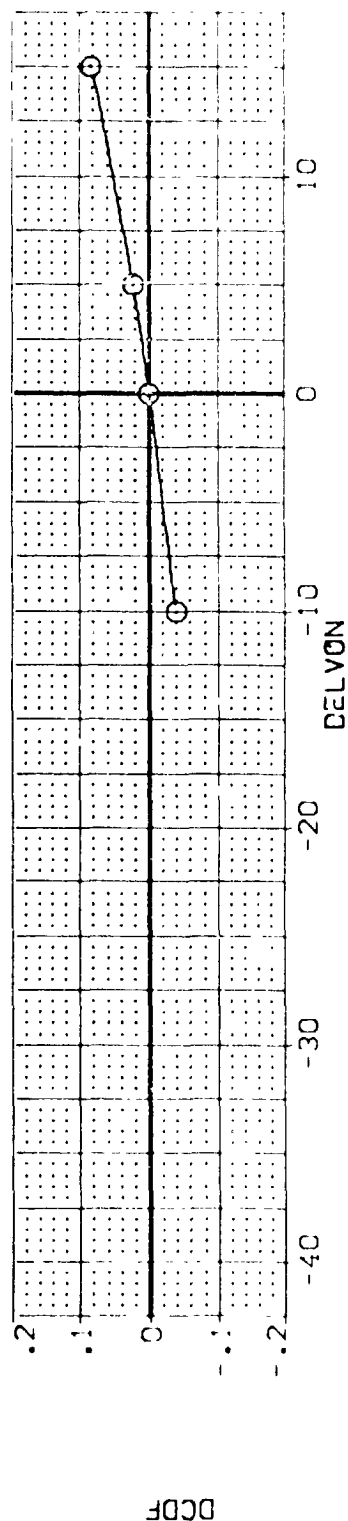
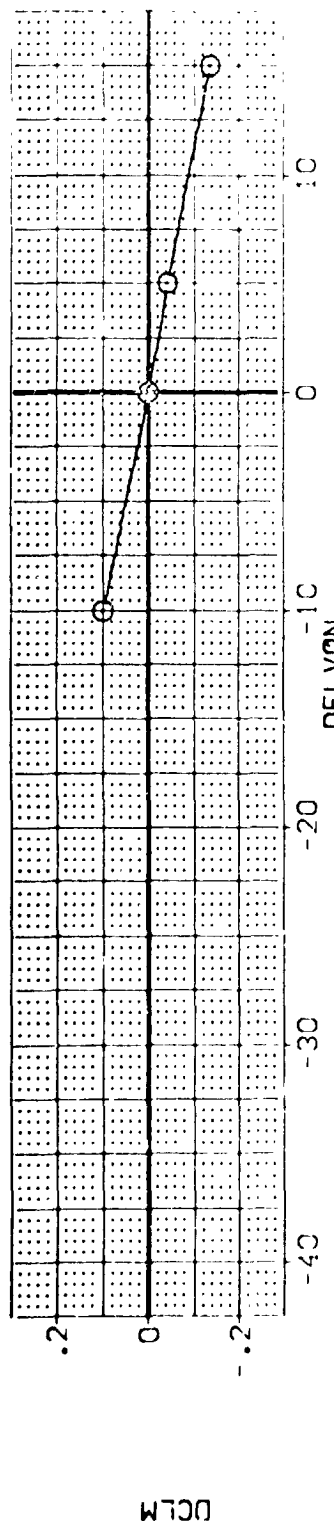


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

0A623 B26C9 M7F8 W116E31V8R5X9 (EDZ251)

SYMBOL	ALPHA	PARAMETRIC VALUES			DATA SOURCE		REFERENCE INFORMATION			
		MACH	BOFLAP	RJODER	BETA	DELTON	DATASET	DELTON	SREF	SC.F.
C	20.000	A1LRON	.200	.000	25.000	-10.000	EDZ251	.000	19.2799	19.2799
		SPOBRK	.000	.000	25.000	5.000	EDZ252	15.000	37.9359	37.9359
									43.5974	43.5974
									.0000	.0000
									15.1875	15.1875
									.0405	.0405
									SCALE	SCALE

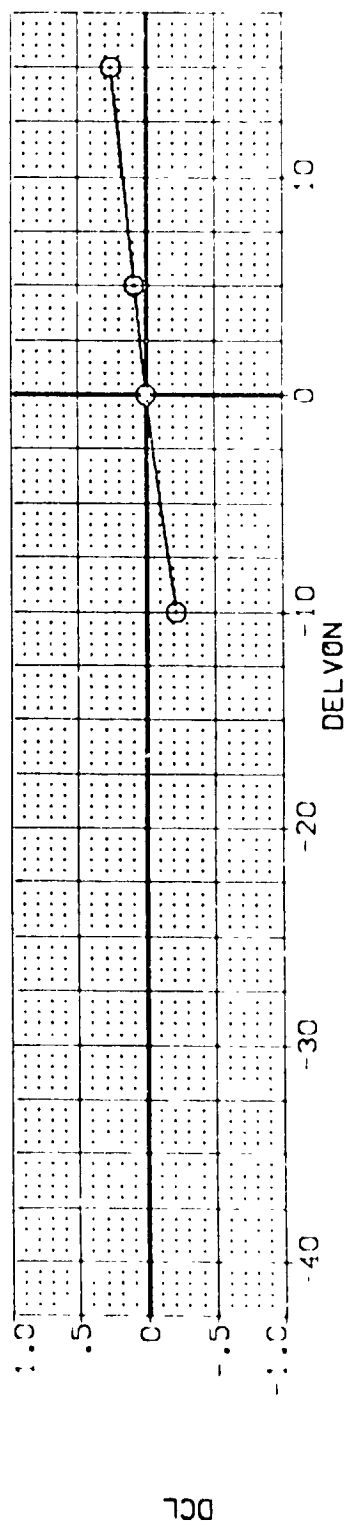
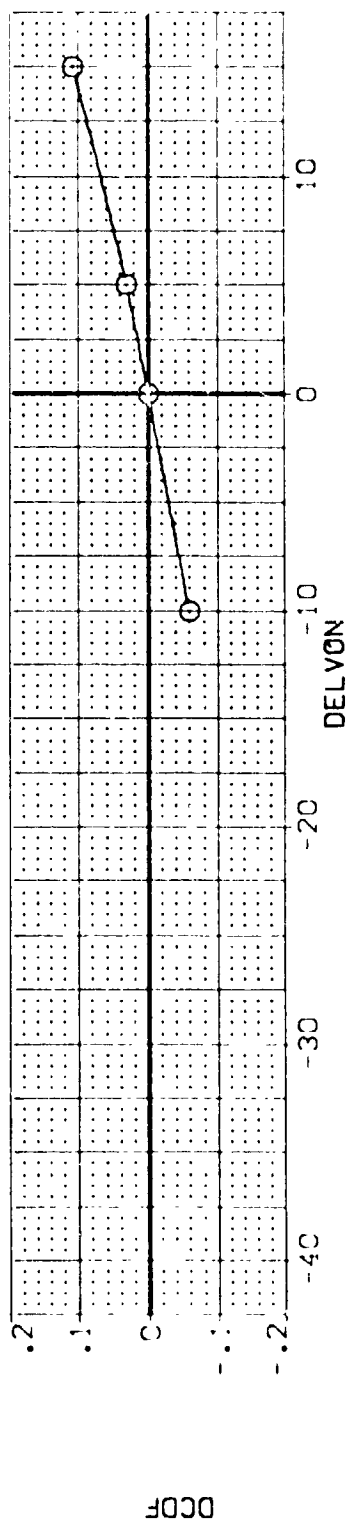
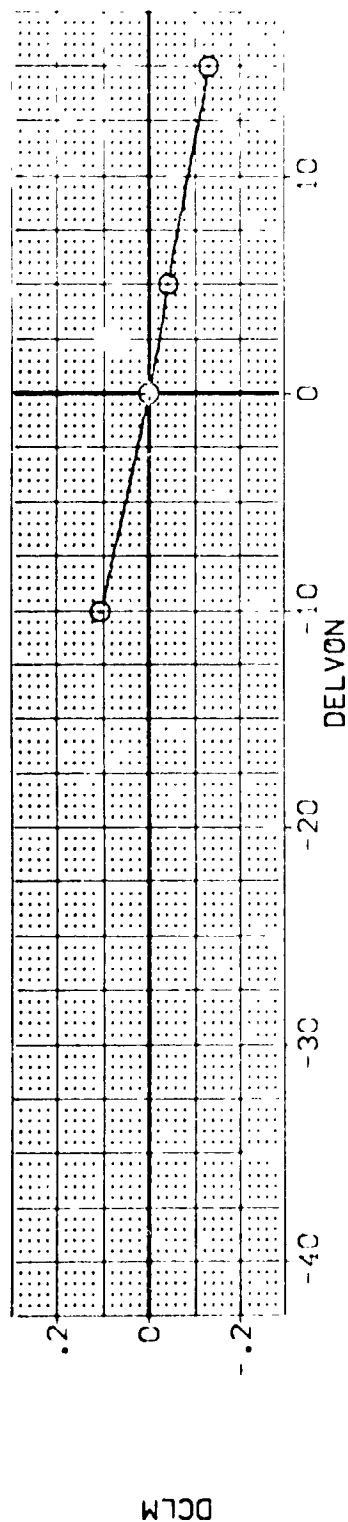


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

CA628 B26C9 W7F8 W116E31V8R5X9 (EDZ251)

SYMBOL	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
	ALPHA	MACH	BOFLAP	RJODER	BETA	DELTON	DATASET	DELTON	SPRF	SUBJECT
○	25.000	A11R0N	.200	.000	25.000	-10.000	EDZ251	.000	15.2093	CHFS
		SPOBRK				5.000	EDZ252	15.000	37.5359	CHFS
									43.5974	CHFS
									.0000	CHFS
									15.1875	CHFS
									.0405	SCALE

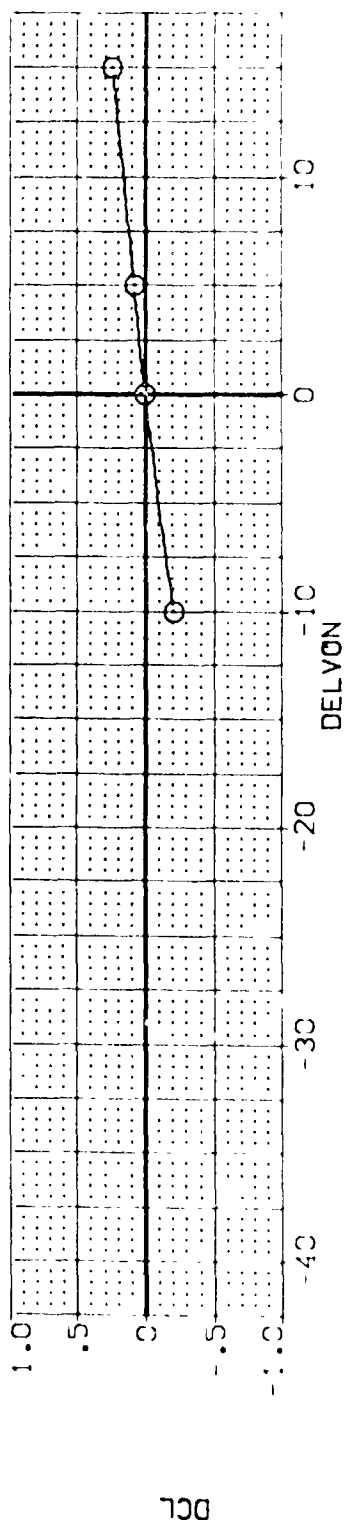
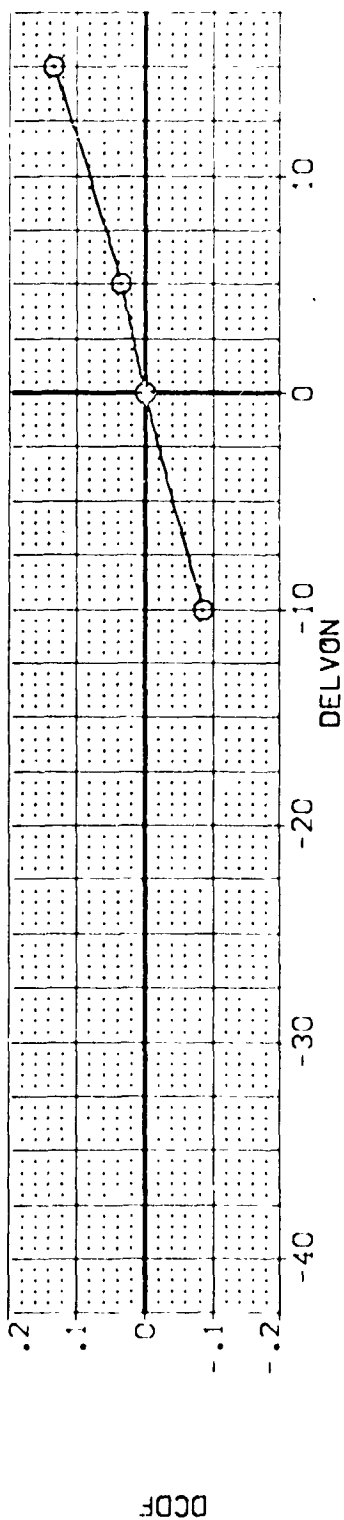
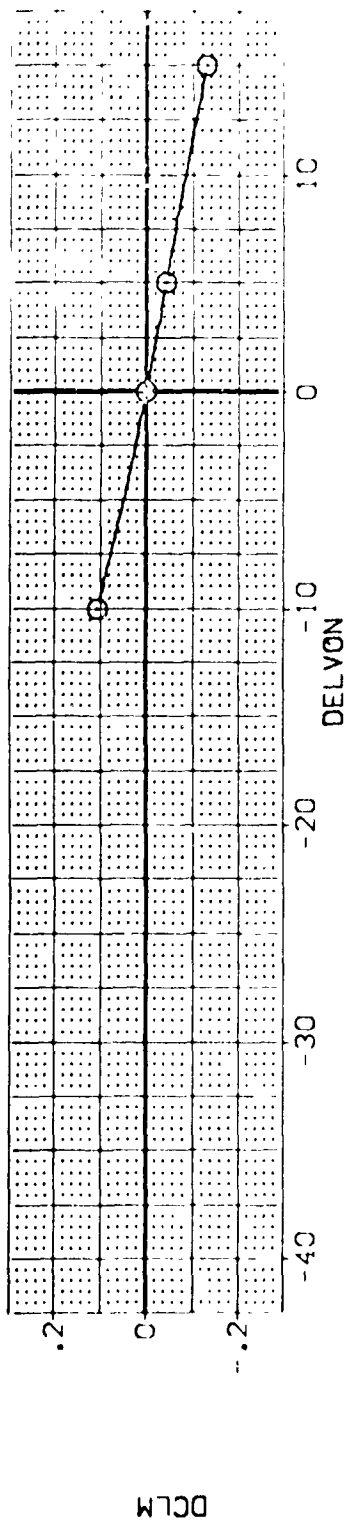


FIG 90 ELEVON EFFECTIVENESS. E31. 25 DEG. FLARE

0A62B B26C9 M7F8 W116E31V8R5X9 (EDZ25:)
 SYMBOL ALPHA 30.000 MACH .200 BDF LAP .000 E0Z251 -10.000 DATA SOURCE DELVON SREF 4.4119 SCALE
 0 AILRON .000 RLODER 25.000 BETA .000 E0Z252 .000 E0Z254 .000 E0Z255 19.2298 LREF 19.2298 SCALE
 SPOBRK .000 E0Z253 .000 E0Z254 .000 E0Z255 37.9368 BREF 37.9368 SCALE
 .000 E0Z253 .000 E0Z254 .000 E0Z255 43.5874 XREF 43.5874 SCALE
 .000 E0Z253 .000 E0Z254 .000 E0Z255 15.000 YREF 15.000 SCALE
 .000 E0Z253 .000 E0Z254 .000 E0Z255 15.1875 ZREF 15.1875 SCALE
 .000 E0Z253 .000 E0Z254 .000 E0Z255 .0405 SCALE

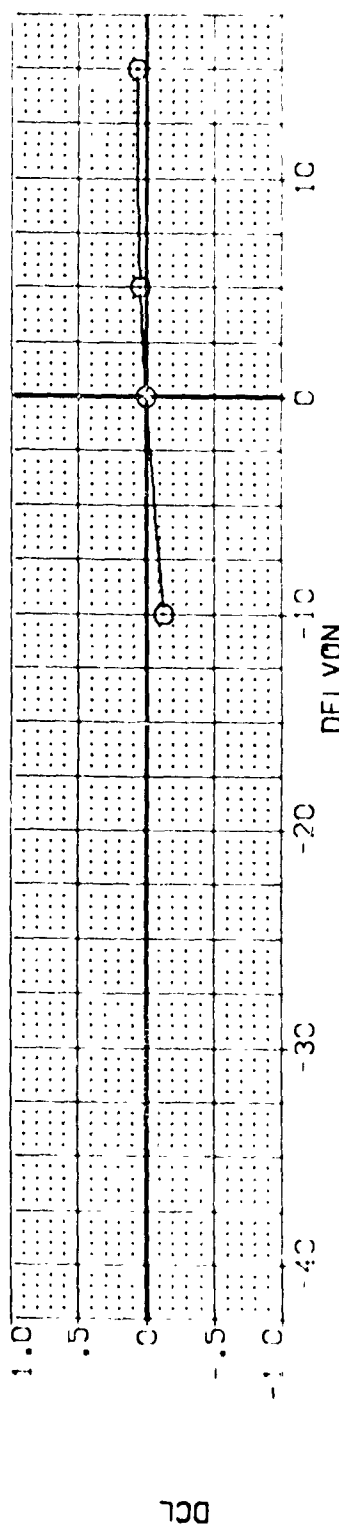
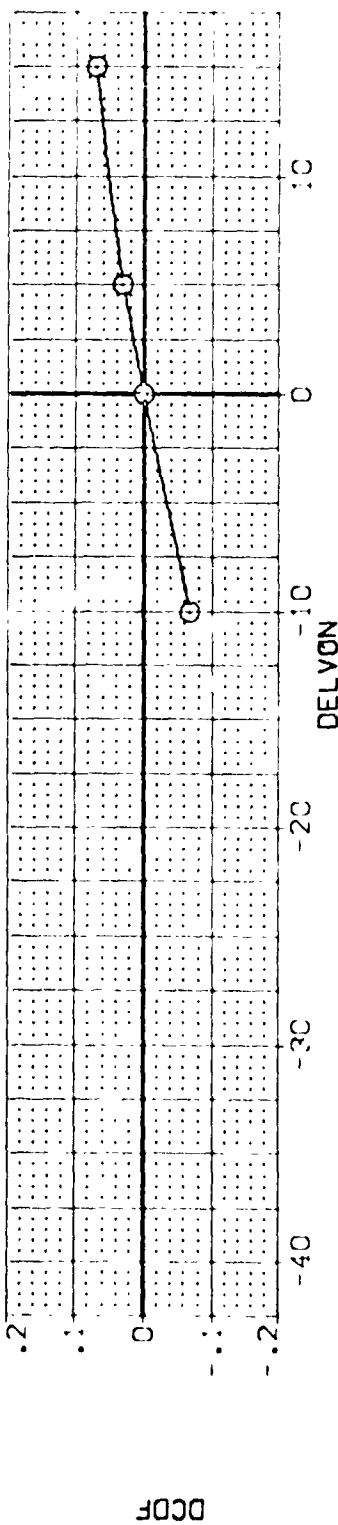
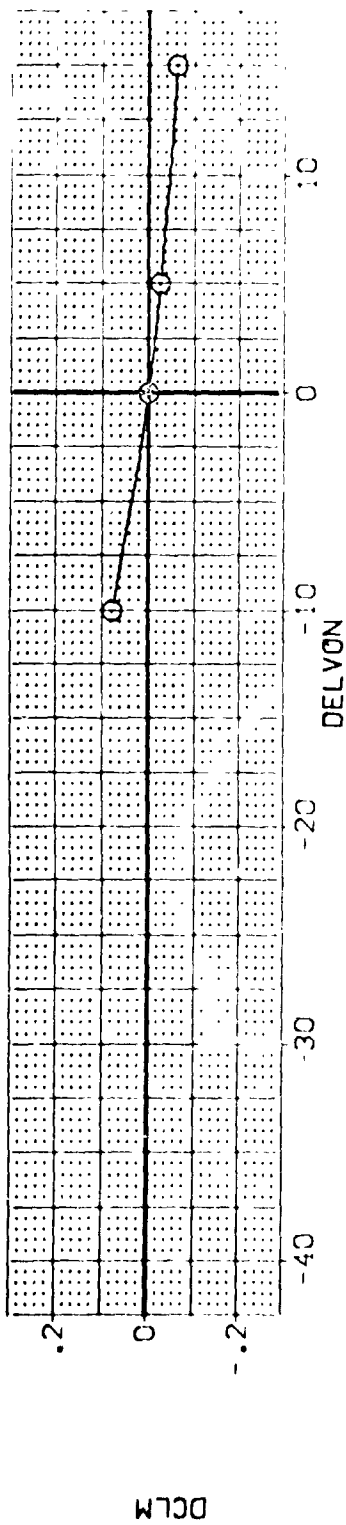


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

11/11/68

CA62B 826C9 M7F8 W116E31V8R5X9 (EDZ251)

PARAMETRIC VALUES		DATA SOURCE		REFERENCE INFORMATION	
ALPHA	5.000	MACH	.200	EDFLAP	19.2289
SYMBOL	O	AILRON	.000	RUDER	37.9359
		SPOBRK	25.000	BETA	43.5874
				YPRP	15.0000
				ZPRP	15.1875
				SCALE	.0405

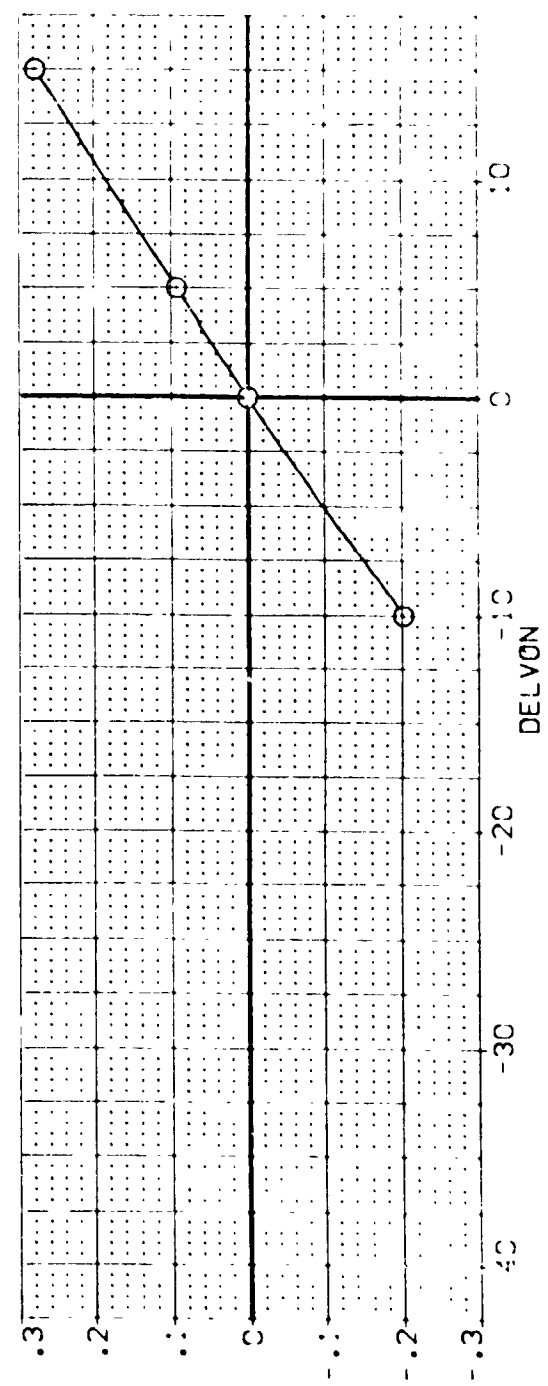
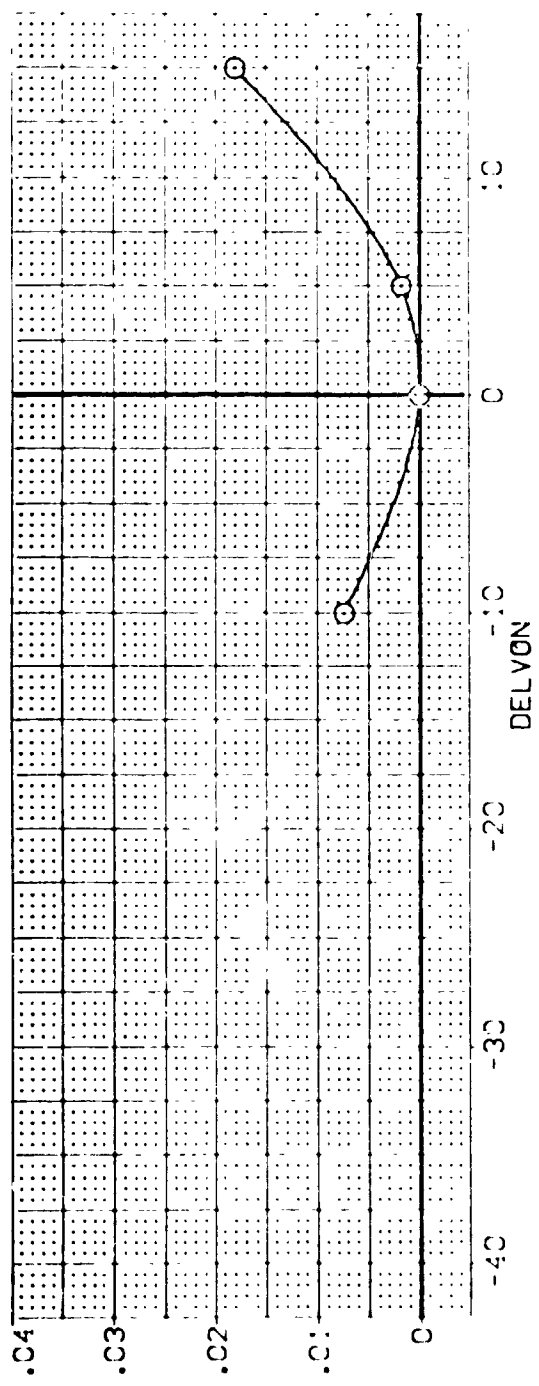


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

Symbol

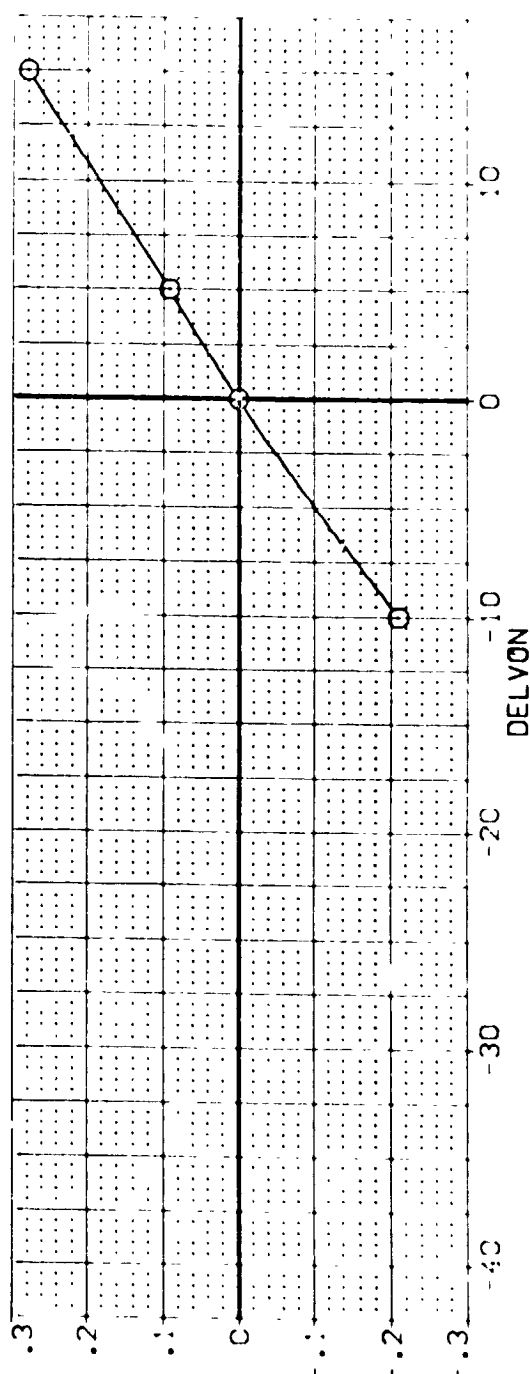
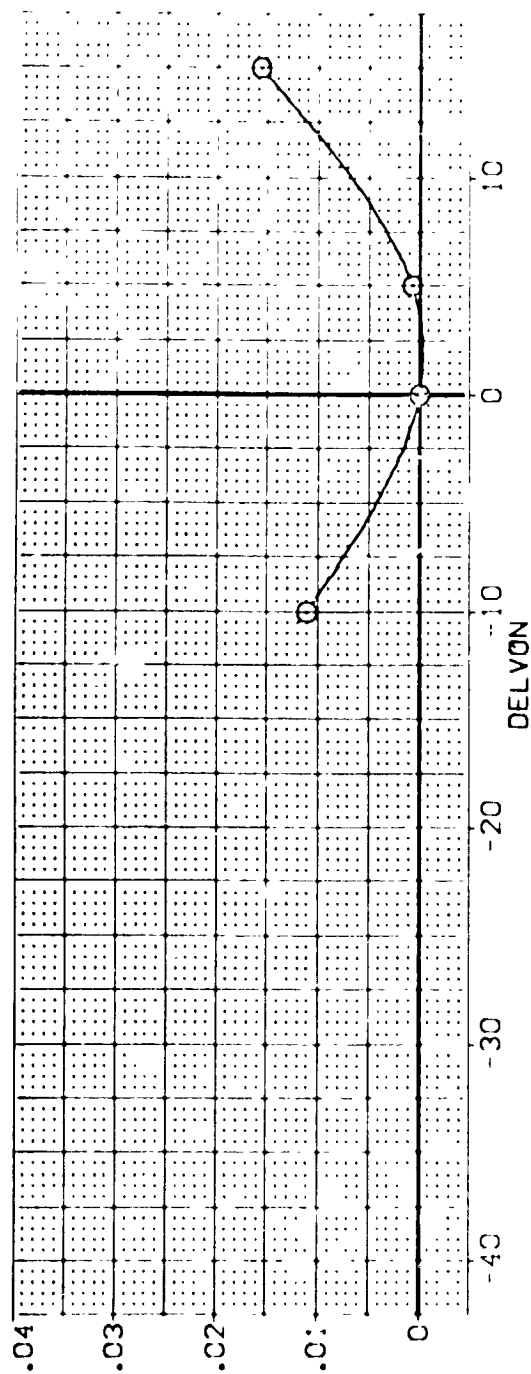


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

(ISZCZ)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
C	15.000		.200 BOFLAP	-12.000 DATASET DELVON	DE-LVD-1 SREF 4.4119
		AIRIRON	.000 PLODER	.000 E0Z751	RFE 19.2289
		SPOBRK	25.000 BETA	.000 E0Z752	SREF 37.9369
				.000 E0Z753	XREP 43.5874
					YRRP .0000
					ZRRP 15.1875
					SCALE SCALE
					.0400

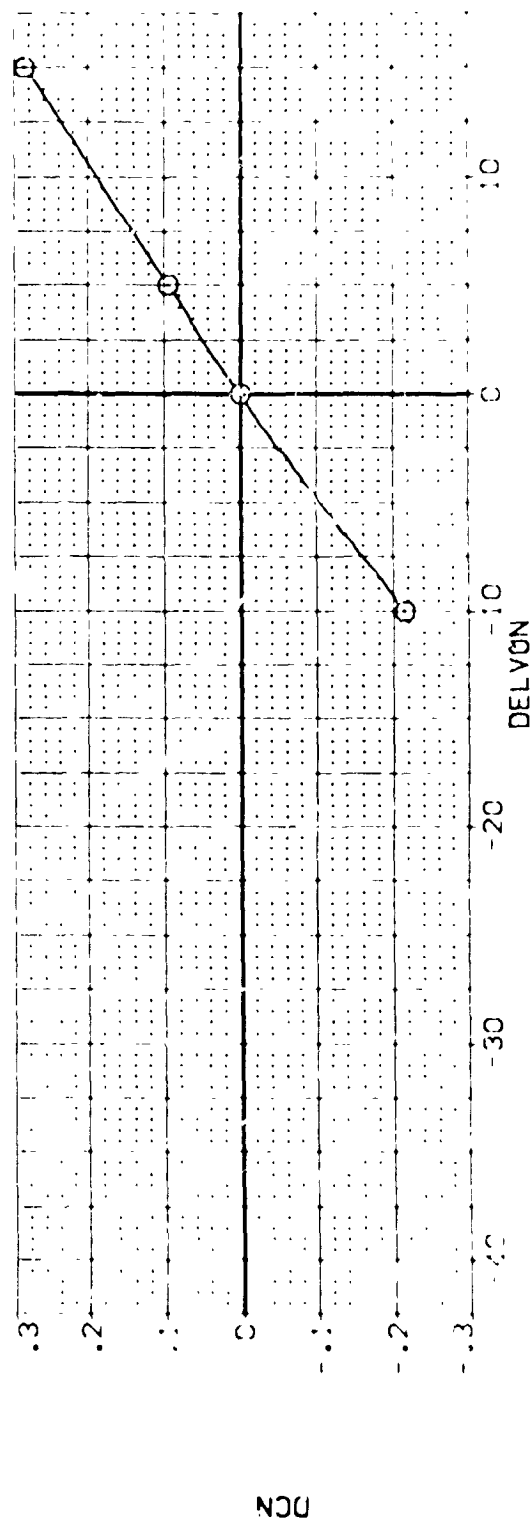
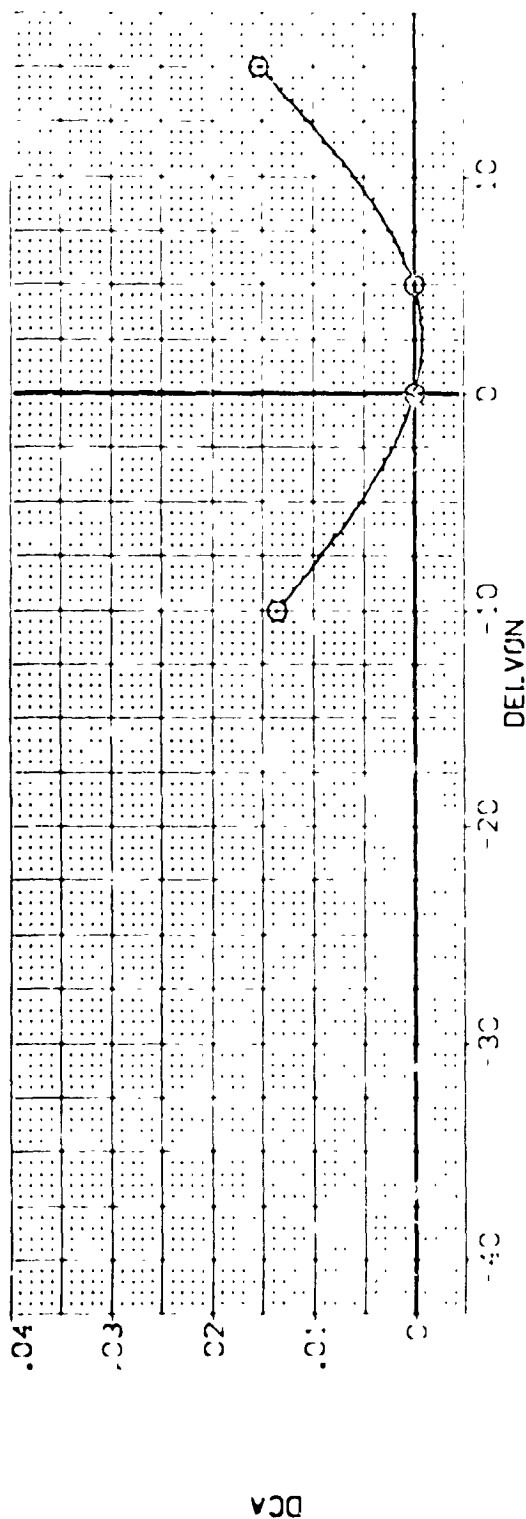


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

0A62B B26C9 W7F8 W116E31V8R5A9

(EDZ25:)

SYMBOL
○

ALPHA
75.000

MACH
ALLRON
SPOBRN

PARAMETRIC VALUES
.200 BOFLAP
.000 RUDER
25.000 PLTA

DATA SOURCE
DELTON
-10.000
5.000

DATASET
EDZ25:
EDZ25:

SRF
REF
REF
XREF
YREF
ZREF
SCALE

REFERENCE INFORMATION
4.4118
19.7208
37.9339
43.5914
.0000
15.1815
.0405

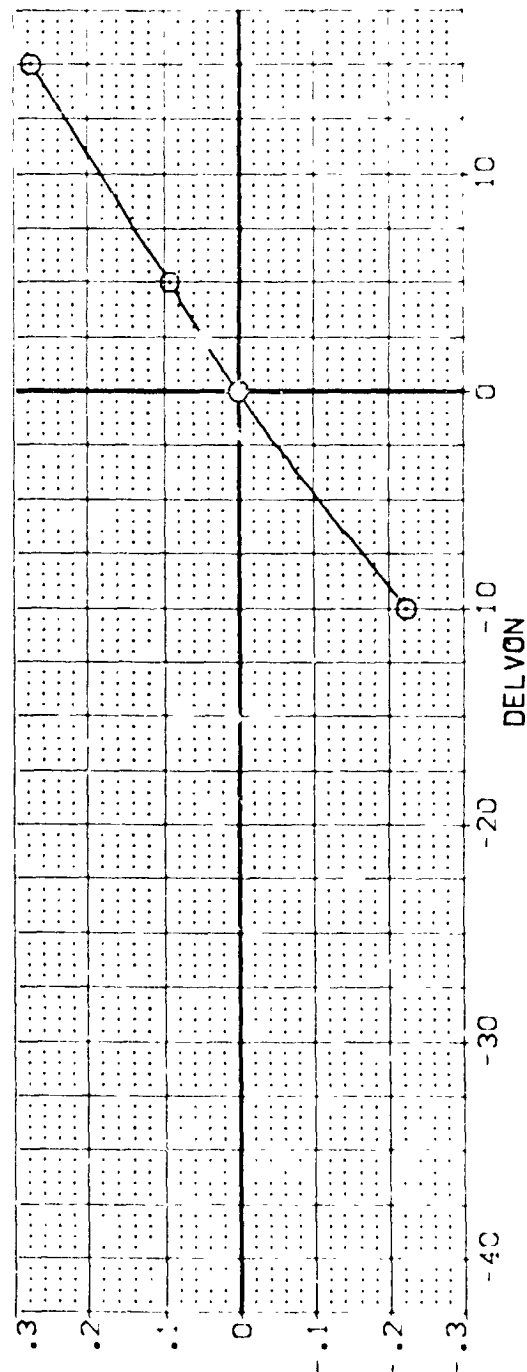
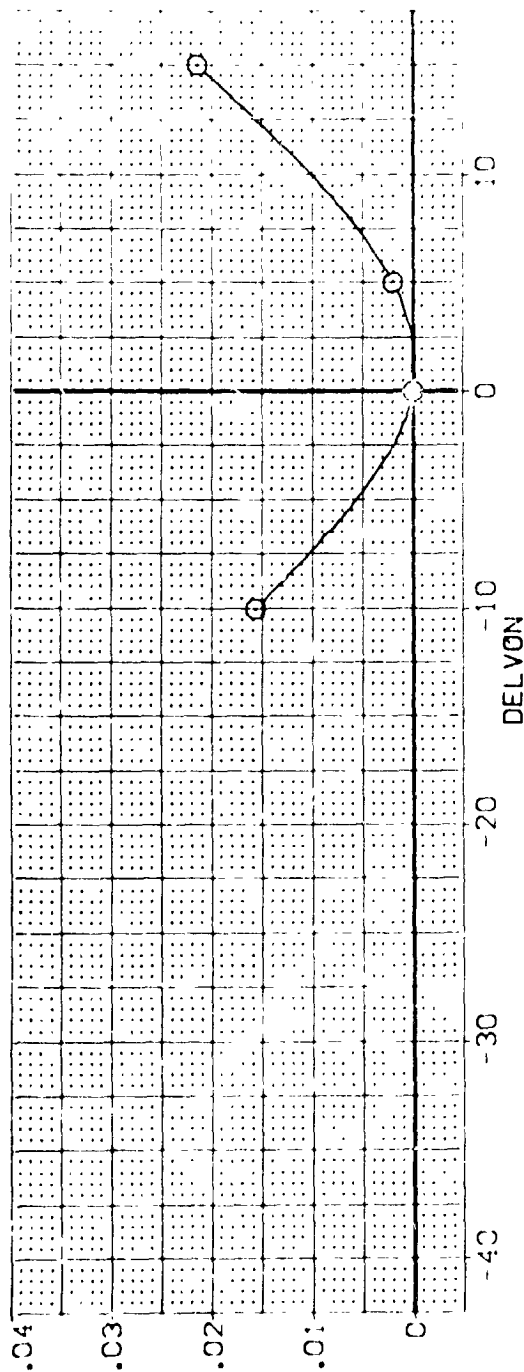


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

0A62B B26C9 M7F8 W116E31V8R5X9

(EDZ251)

REFL

ALPHA
25.000

MACH
ALLRON
SPDRM

PARAMETRIC VALUES
.200 BOFLAP
.000 RUDDER
25.000 BETA

DATA SOURCE
DELVON
-10.000
5.000

DATASET
EDZ251
EDZ252

DELVON
.000
15.000

SCALE
4.4119
19.2799
37.9359
43.5874
.0000
15.1871
.0405

REFERENCE INFORMATION
SCALE
SCALE
SCALE
SCALE
SCALE
SCALE
SCALE

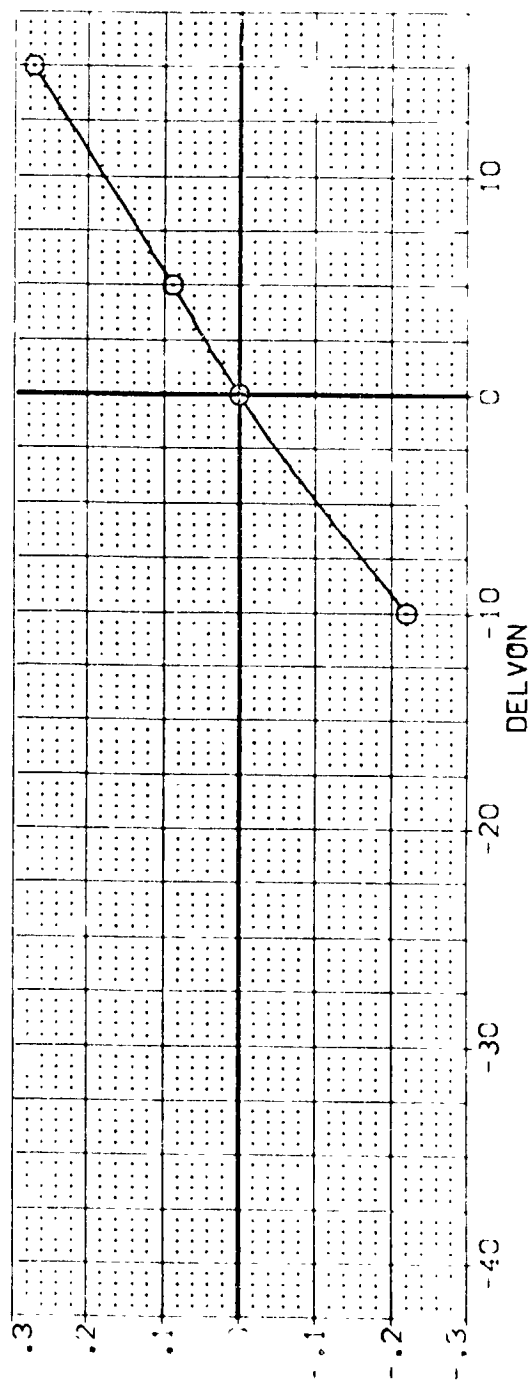
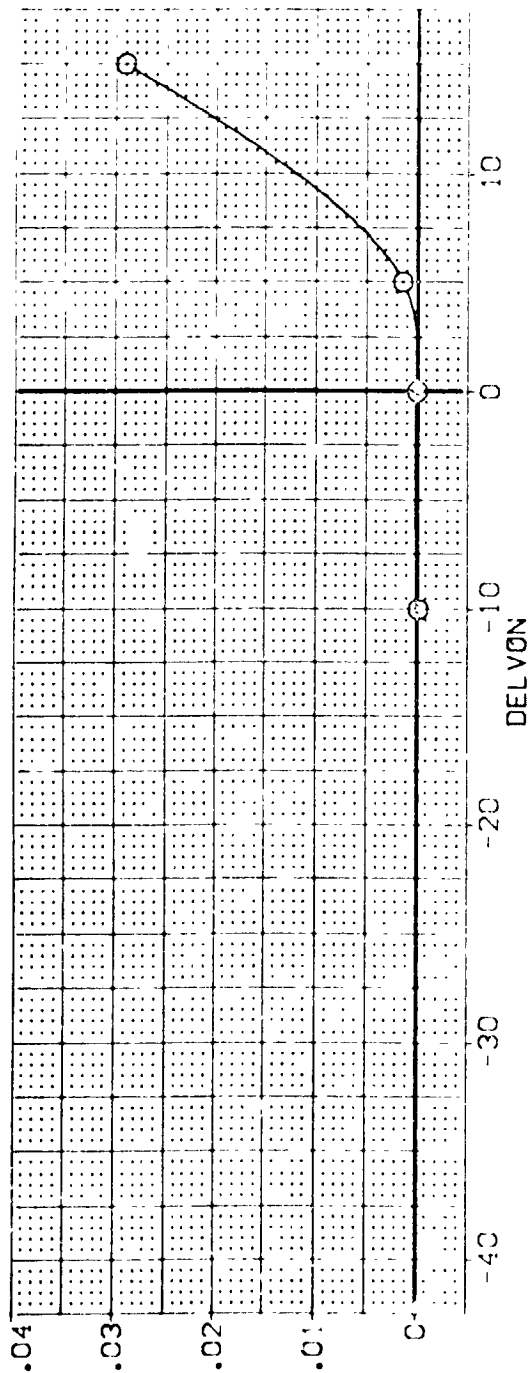


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

0A623 826C9 W7F8 W116E31V8R5X9 (EDZ251)

SYMBOL	PARAMETRIC VALUES			DATA SOURCE		REFERENCE INFORMATION		
	ALPHA	MACH	BOFLAP	DELTON	DATASET	DELTON	SREF	SCALE
○	30.000	A1LRON	.200	-12.000	EDZ251	.000	4.419	SCALE
		SPOBRK	.000	.000	EDZ252	5.000	19.2208	SCALE
			BETA	.000	EDZ253	15.000	37.9378	SCALE
							43.5374	SCALE
							.0000	SCALE
							15.1875	SCALE
							.0405	SCALE

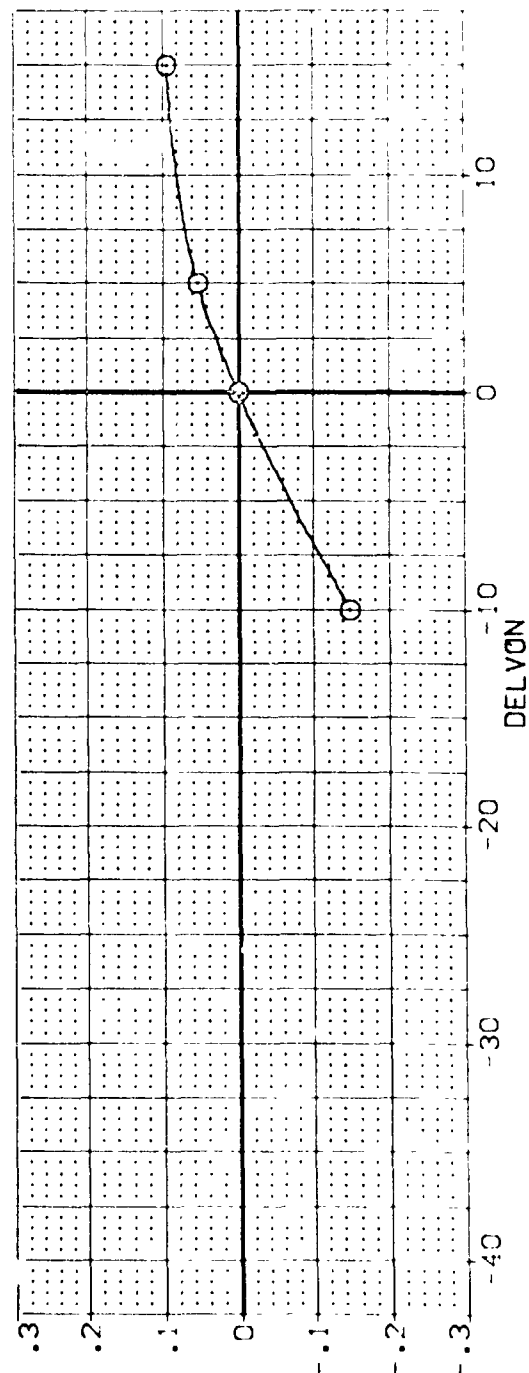
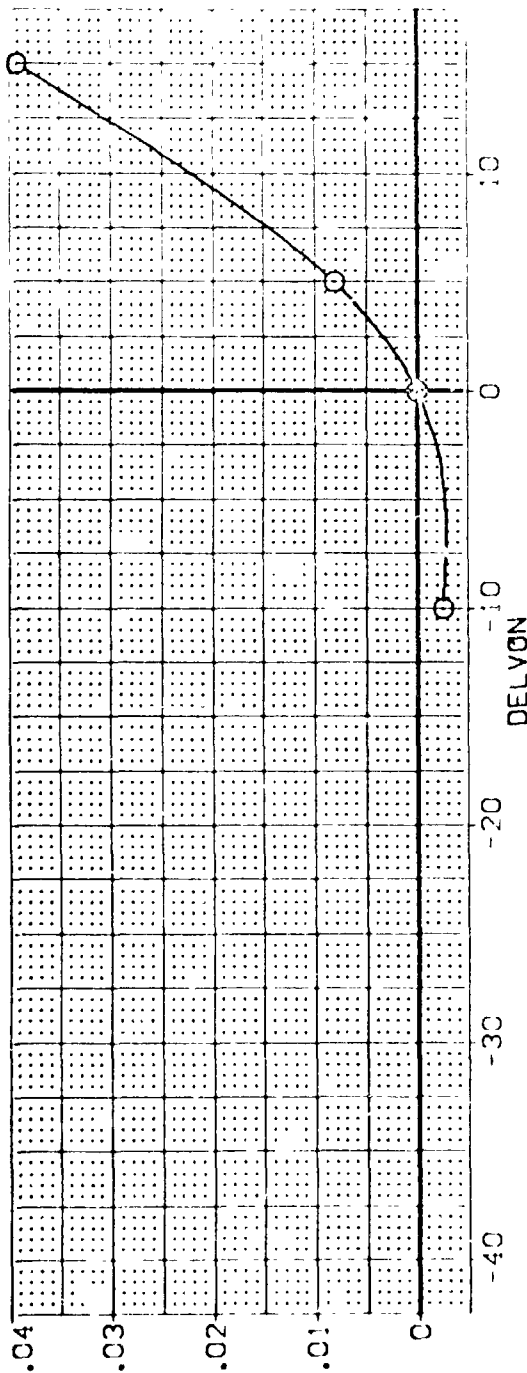


FIG 90 ELEVON EFFECTIVENESS, E31, 25 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDDER	REFERENCE INFORMATION
(B02759)	CA628 B26C9 M7F8 V116E34V85X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCALF .
(B02757)	CA628 B26C9 M7F8 V116E34V85X9	.000	25.000	-12.000	.000	LRFF 19.2293 SCALF .
(B02758)	CA628 B26C9 M7F8 V116E34V85X9	5.000	25.000	-12.000	.000	BRFF 37.9358 SCALF .
(B02760)	CA628 B26C9 M7F8 V116E34V85X9	15.000	25.000	-12.000	.000	XRFF 43.5871 SCALF .
						YMRP .0000 SCALF .
						ZMRP 15.1875 SCALF .
						SCALE .0403

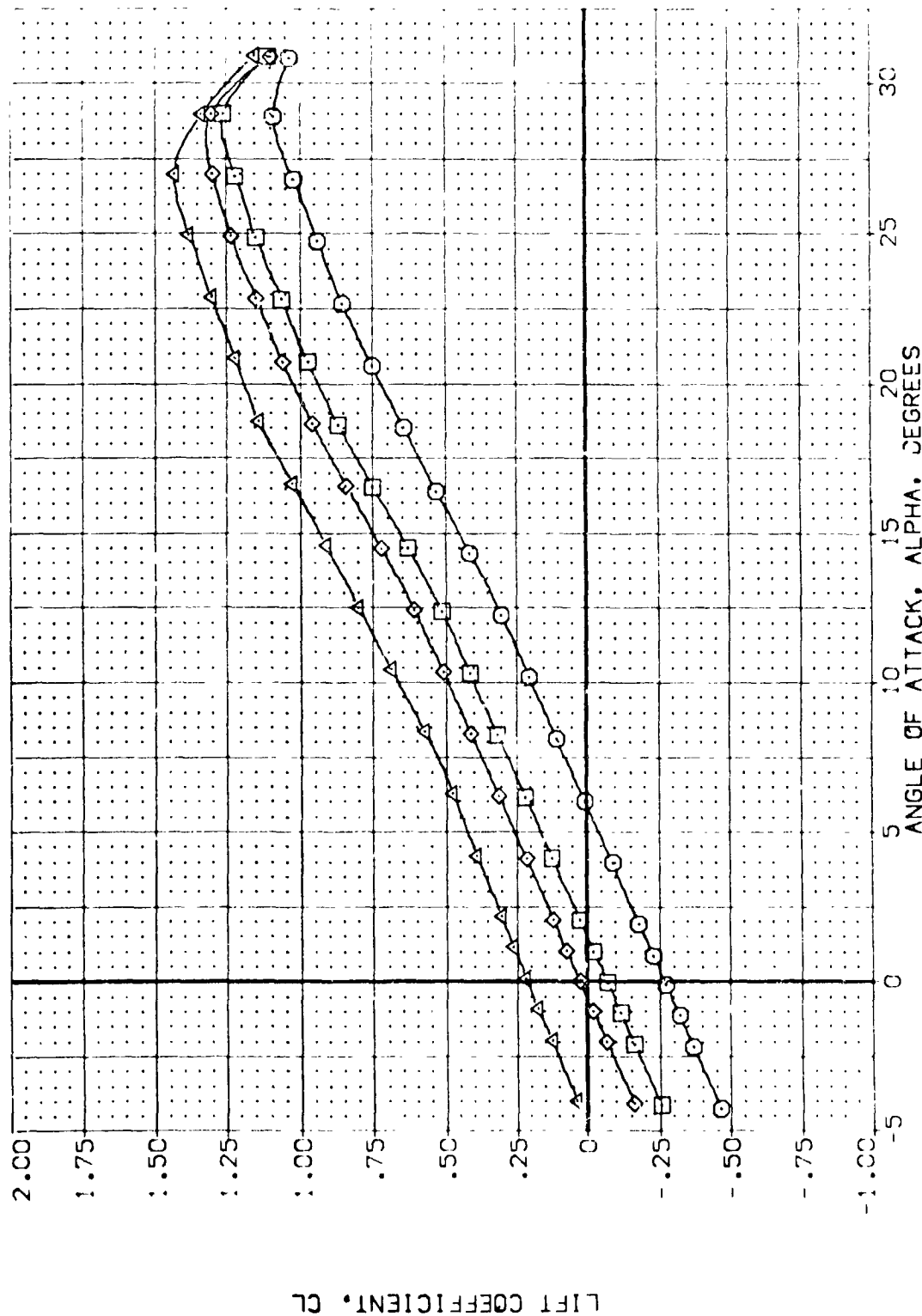


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

(ADMAC) .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	REF LAP	RJUDER	REFERENCE INFORMATION
BCZ758	CA628 B26C9 M7F8 V116E34V85X9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCALE
BCZ757	CA628 B26C9 M7F8 V116E34V85X9	.000	25.000	-12.000	.000	LREF 9.7299 SCALE
BCZ756	CA628 B26C9 M7F8 V116E34V85X9	5.000	25.000	-12.000	.000	BREF 37.9359 SCALE
BCZ760	CA628 B26C9 M7F8 V116E34V85X9	15.000	25.000	-12.000	.000	XREF 43.5874 SCALE
						YREF .0000 SCALE
						ZREF 15.875 SCALE
						SCALE .0403

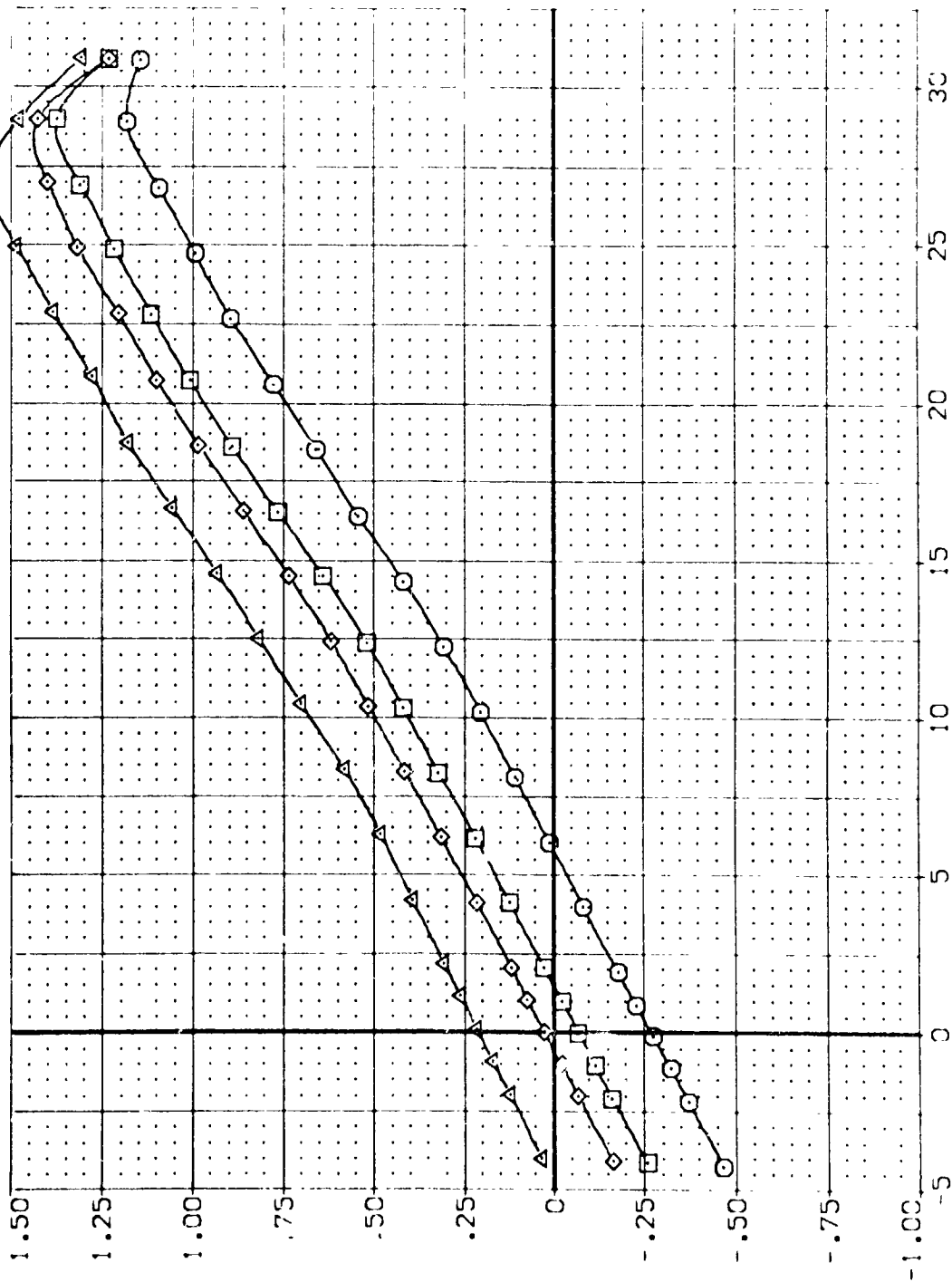


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

CA)MAC = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BOFLAP	RUDDER	REFERENCE INFORMATION
(B07259)	DA628 B26C9 M7F8 V116E34V8FSX9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCALE 100000
(B07257)	DA628 B26C9 M7F8 V116E34V8FSX9	.000	25.000	-12.000	.000	LREF 19.2293 SCALE 100000
(B07258)	DA628 B26C9 M7F8 V116E34V8FSX9	5.000	25.000	-12.000	.000	BREF 37.9353 SCALE 100000
(B07260)	DA628 B26C9 M7F8 V116E34V8FSX9	15.000	25.000	-12.000	.000	XREF 43.5974 SCALE 100000
						YREF 15.1875 SCALE 100000
						SCALE .0405

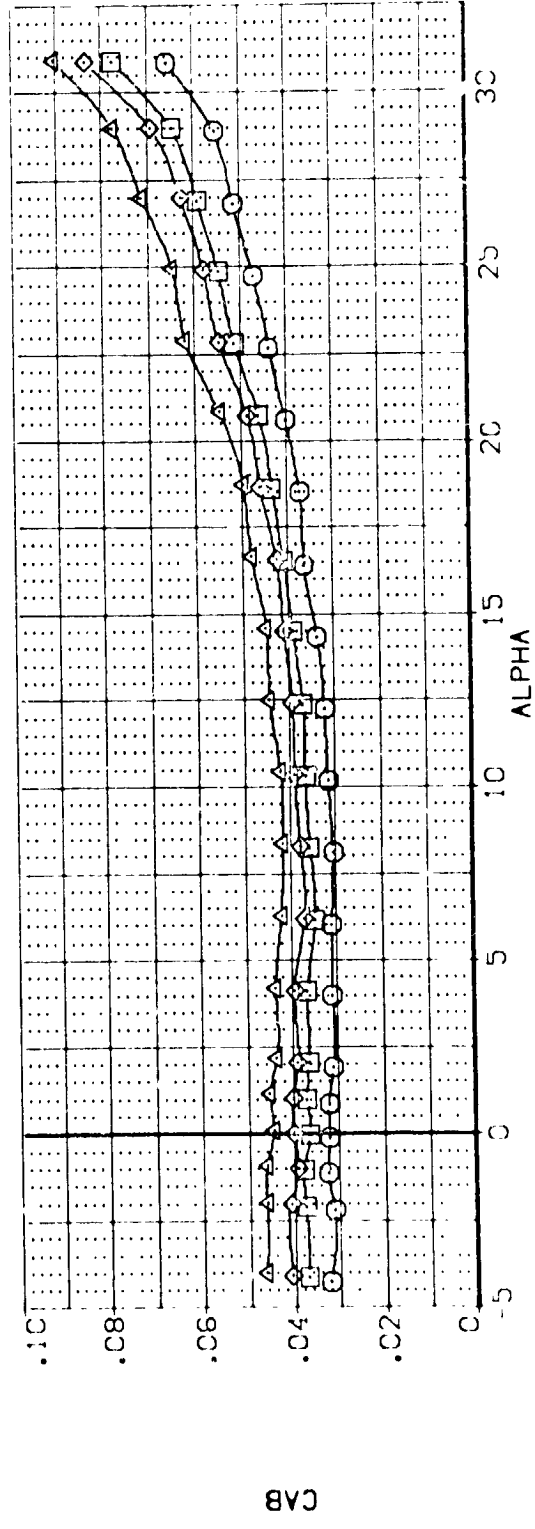
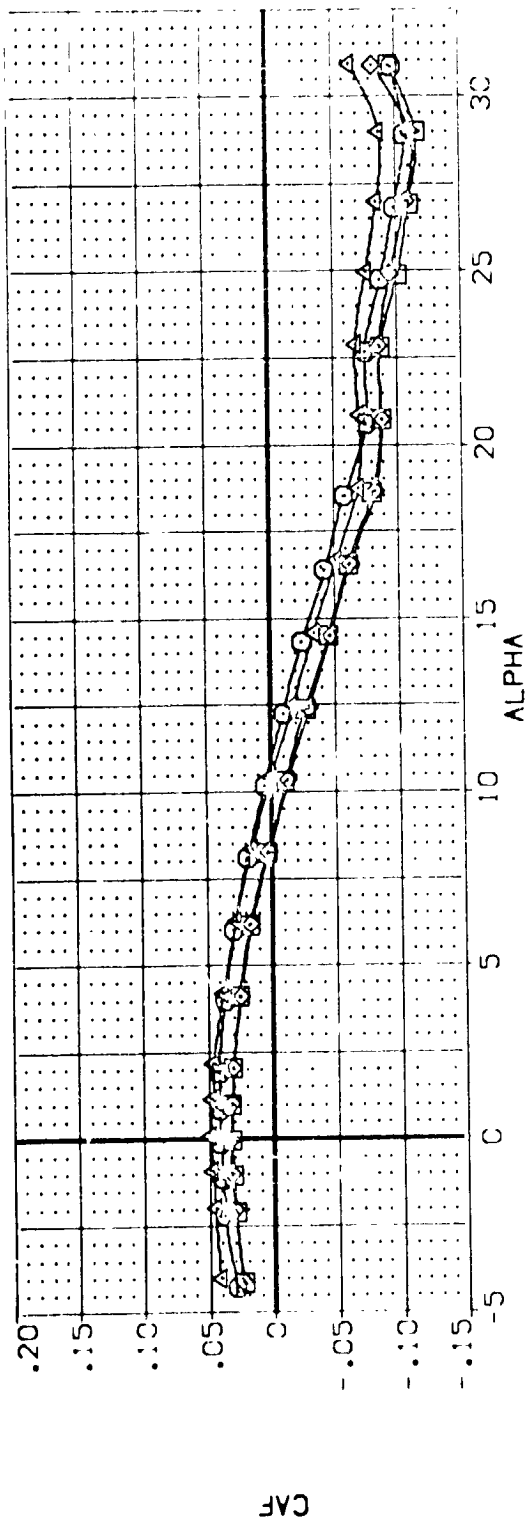


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

(A)MAC- .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRBK	BOFLAP	RUDDER	REFERENCE INFORMATION
[B07759]	0A628 B26C9 W7E8 V16E34V8R5X9	-10.000	25.000	-12.000	.000	SPDRF 4.419
[B07757]	0A628 B26C9 W7E8 V16E34V8R5X9	.000	25.000	-12.000	.000	REF 19.2299
[B07758]	0A628 B26C9 W7E8 V16E34V8R5X9	5.000	25.000	-12.000	.000	BRKF 37.9739
[B07760]	0A628 B26C9 W7E8 V16E34V8R5X9	15.000	25.000	-12.000	.000	XMRD 43.5674
						YMRD .0000
						ZMRD .0000
						SCALE 15.875
						SCALE .0400

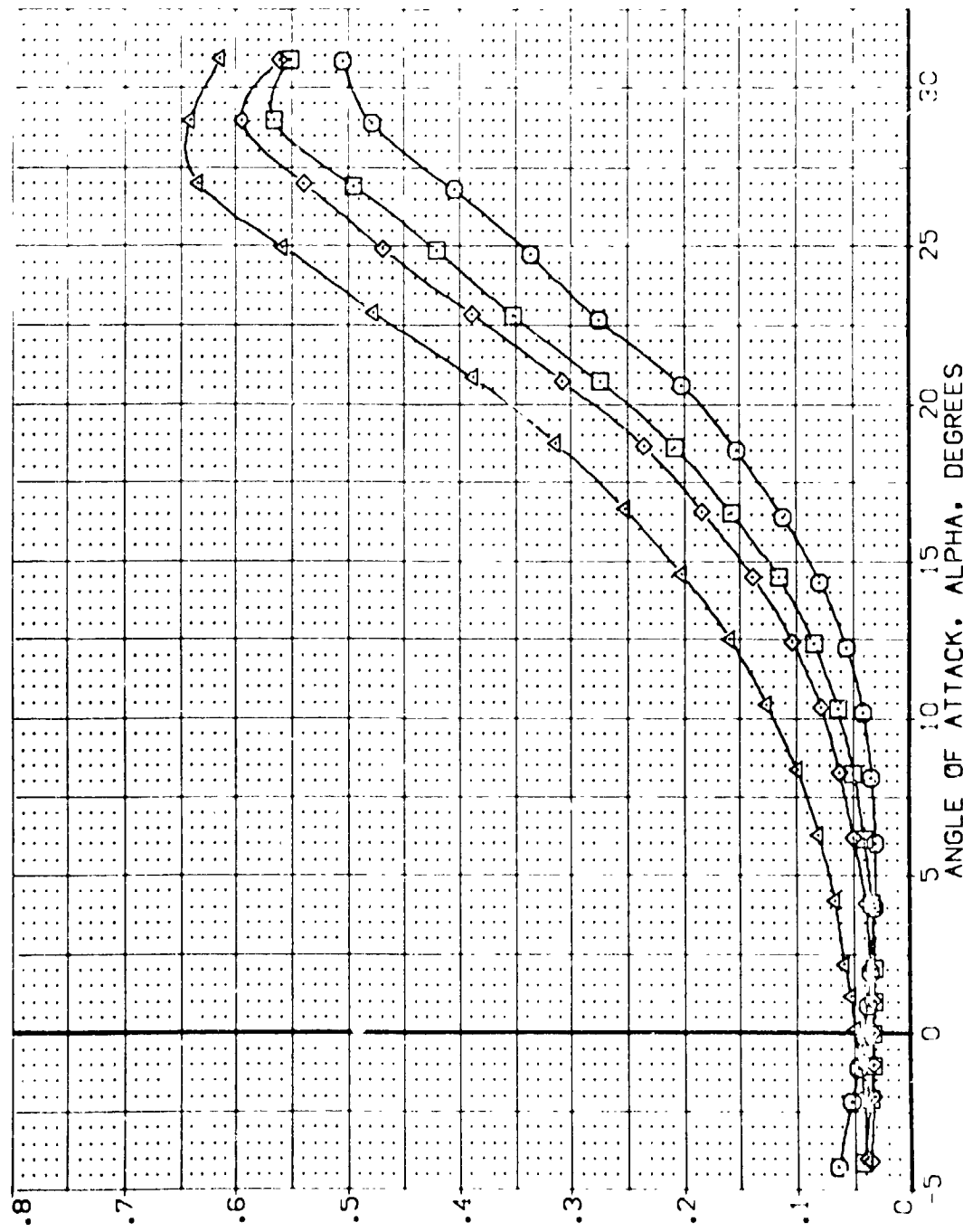


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

CALVAC = .20

PITCHING MOMENT COEFFICIENT, CLM

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRM	BOFLAP	RUDDER	REFERENCE INFORMATION
(B07259)	0A528 B76C9 M7F8 V116E34V8PSX9	-10.000	25.000	-12.000	.000	SREF 4.4119 SCALE .5
(B07257)	0A528 B76C9 M7F8 V116E34V8PSX9	.000	25.000	-12.000	.000	SREF 19.2089 SCALE .5
(B07258)	0A528 B76C9 M7F8 V116E34V8PSX9	5.000	25.000	-12.000	.000	SREF 37.6359 SCALE .5
(B07260)	0A528 B76C9 M7F8 V116E34V8PSX9	15.000	25.000	-12.000	.000	XREF 43.5574 SCALE .5
						YREF .0000 SCALE .5
						ZREF 15.1875 SCALE .5
						SCALE .5

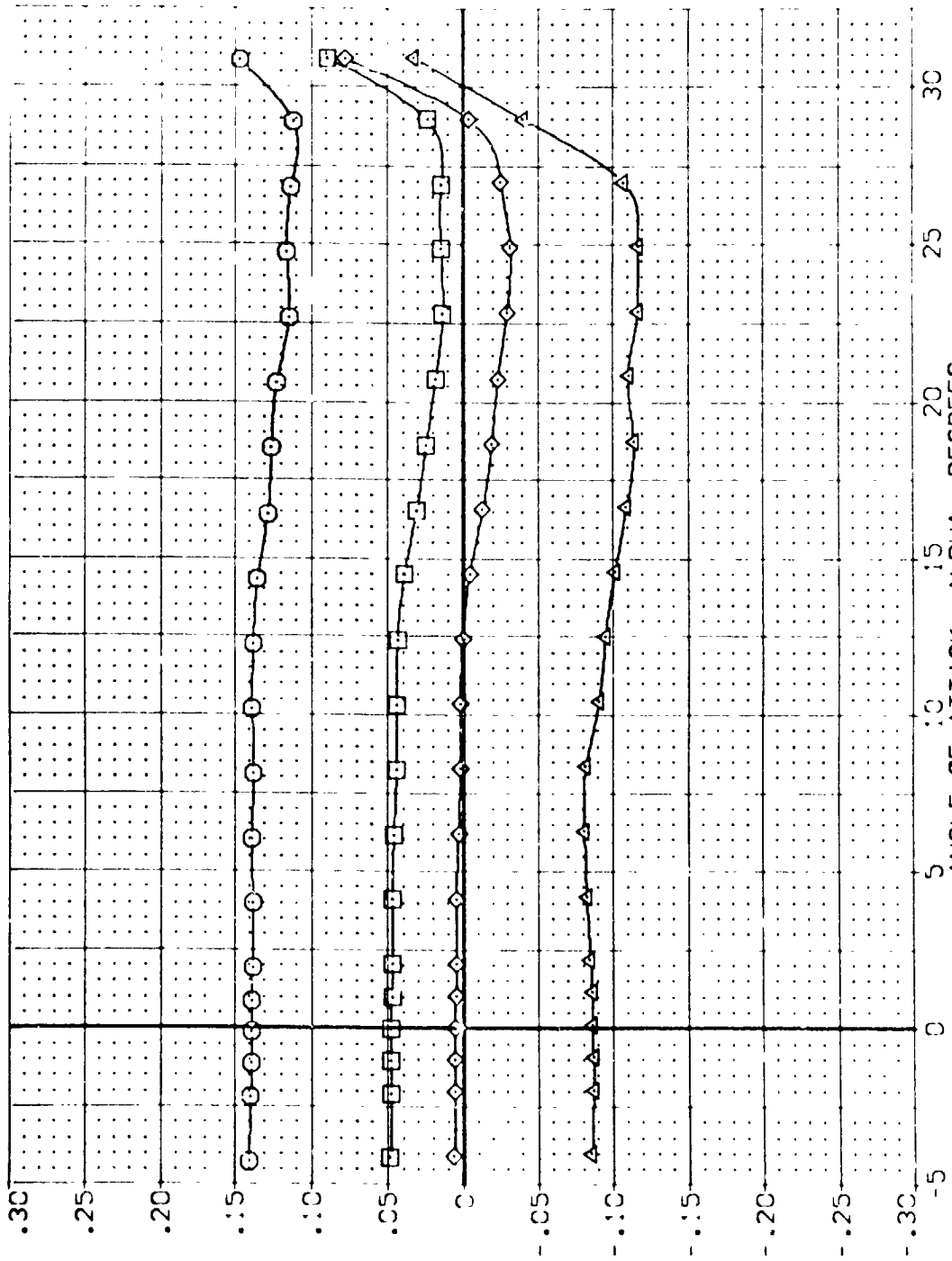


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B07759) CAG28 B76C9 W7F8 V116E34V85X9
 (B07757) CAG28 B76C9 W7F8 V116E34V85X9
 (B07758) CAG28 B76C9 W7F8 V116E34V85X9
 (B07760) CAG28 B76C9 W7F8 V116E34V85X9

ELEVON SPOBRK BOFLAP RLODER REFERENCE INFORMATION SCALE
 -10.000 75.000 -12.000 .000 SREF 4.4119 SCALE
 5.000 75.000 -12.000 .000 LREF 19.2269 SCALE
 15.000 75.000 -12.000 .000 BREF 37.9359 SCALE
 15.000 75.000 -12.000 .000 XREF 43.5914 SCALE
 15.000 75.000 -12.000 .000 YREF .0000 SCALE
 15.000 75.000 -12.000 .000 ZREF .0000 SCALE
 15.000 75.000 -12.000 .000 SCALE .0405 SCALE

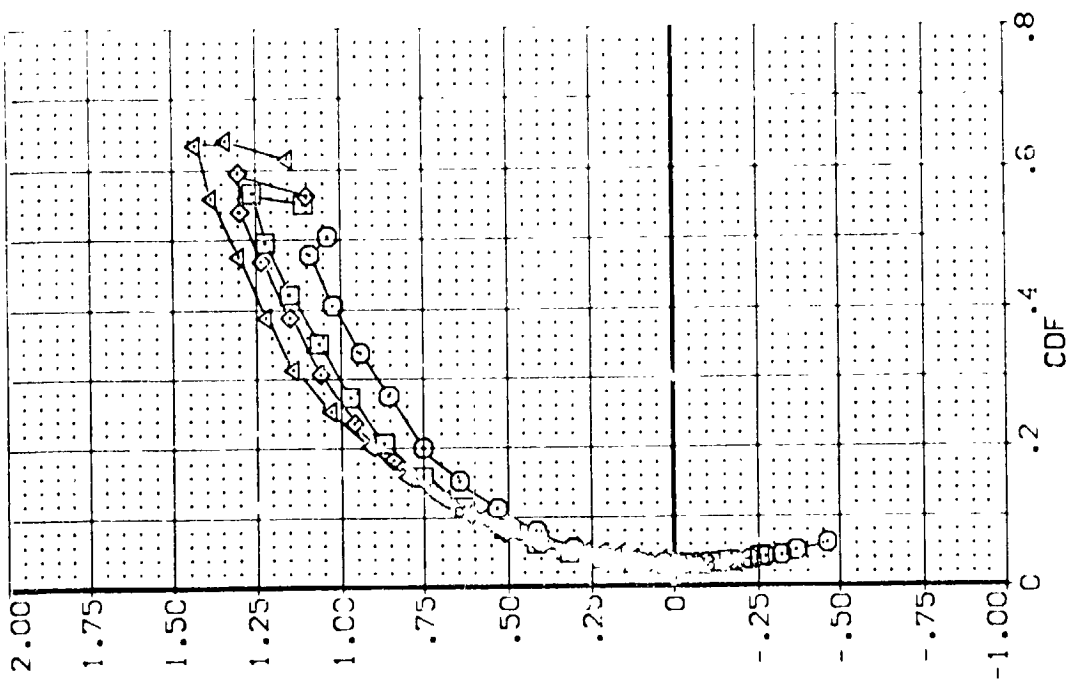
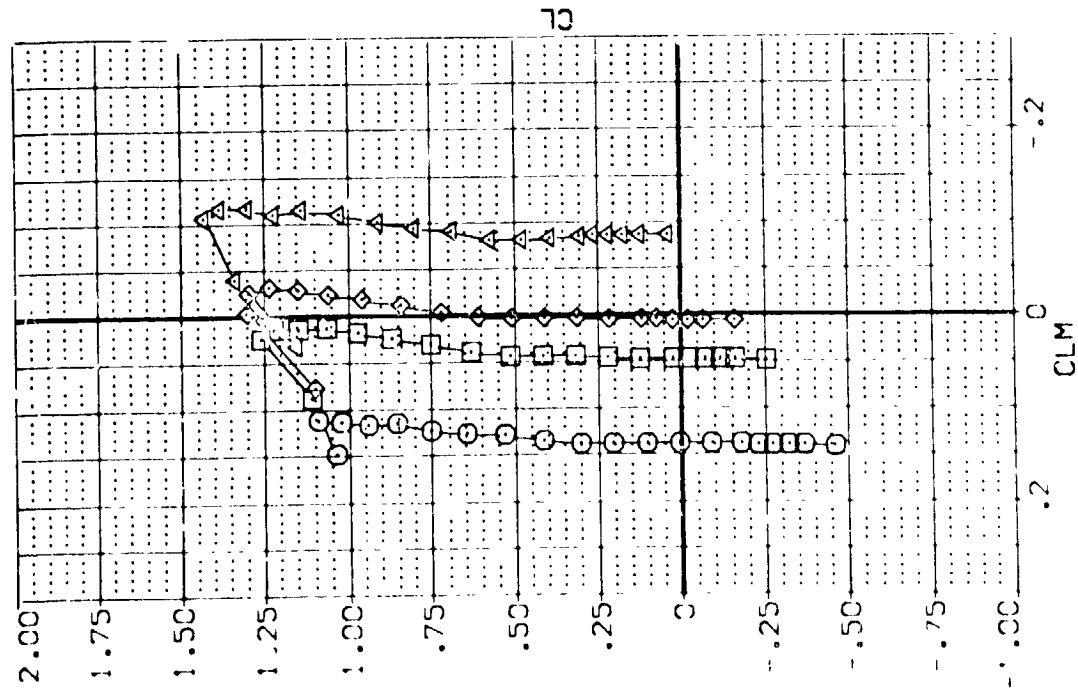


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

CAGMAC .20

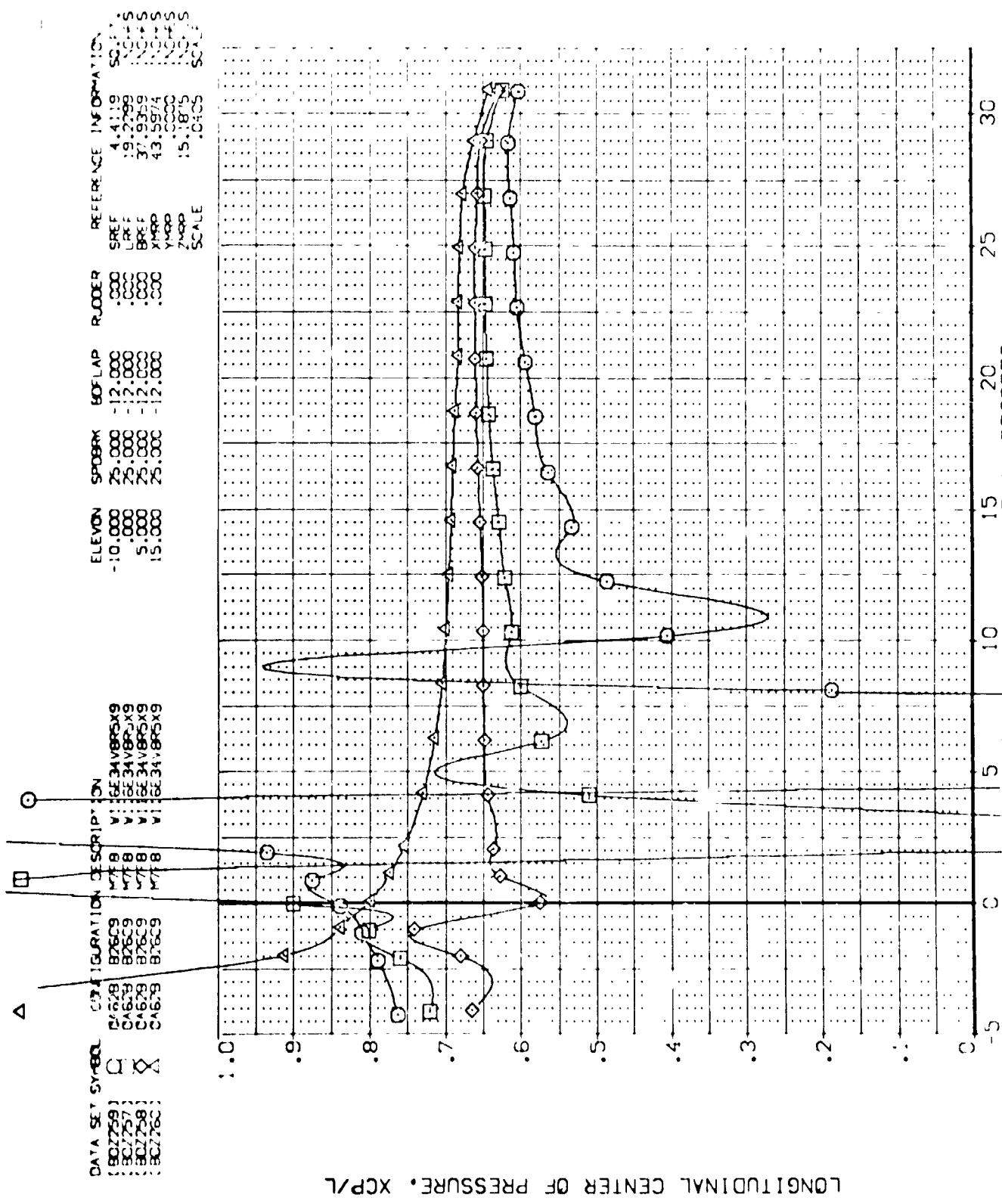


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
802759	MT8	V116E34V85X9
802757	MT8	V116E34V85X9
802758	MT8	V116E34V85X9
802760	MT8	V116E34V85X9

ELEVON SPOBRK BCLAP RUDDR

ELEVON	SPOBRK	BCLAP	RUDDR
-10.000	25.000	-12.000	.000
0.000	25.000	-12.000	.000
5.000	25.000	-12.000	.000
15.000	25.000	-12.000	.000

REFERENCE INFORMATION

SRF	SCALE
4.418	SCALE
19.2000	SCALE
31.6359	SCALE
43.3511	SCALE
15.1875	SCALE
10.405	SCALE

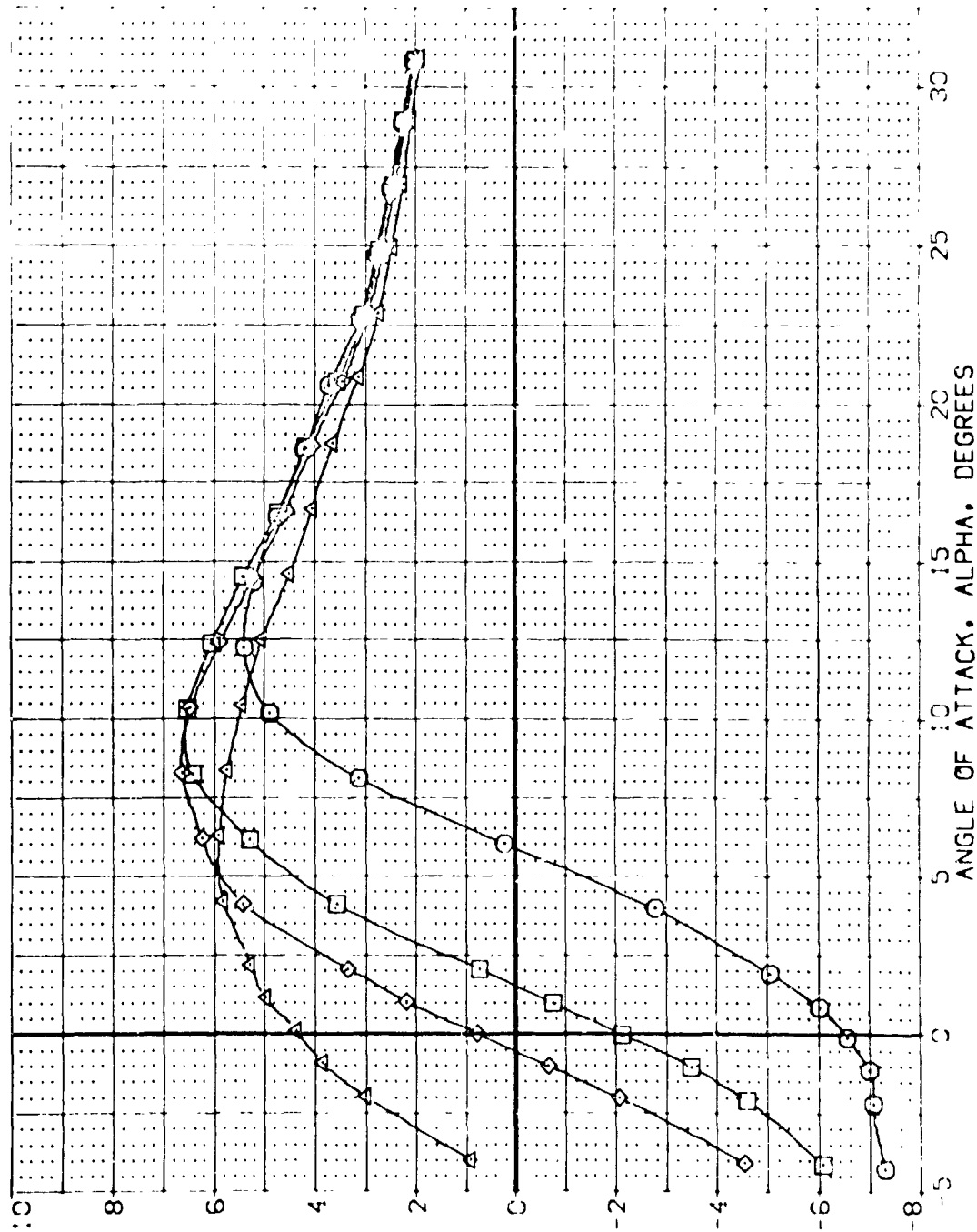


FIG 9: ELEVON EFFECTIVENESS- E34, 25 DEG. FLARE

(A) MAG. .20

3A623 B26C9 M7F8 W116E34V8R5X9

(EDZ259)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	DATASET	DELTON	SPREF	REFERENCE INFORMATION
○	.000	.200	BFLAP	-12.000	EDZ259	.000	4.4119	SCALE
		.000	RUDER	.000	EDZ259	.000	19.2758	SCALE
		.25000	BETA	.000	EDZ259	.000	37.9358	SCALE
							43.5874	SCALE
							.0000	SCALE
							15.1675	SCALE
							.0405	SCALE

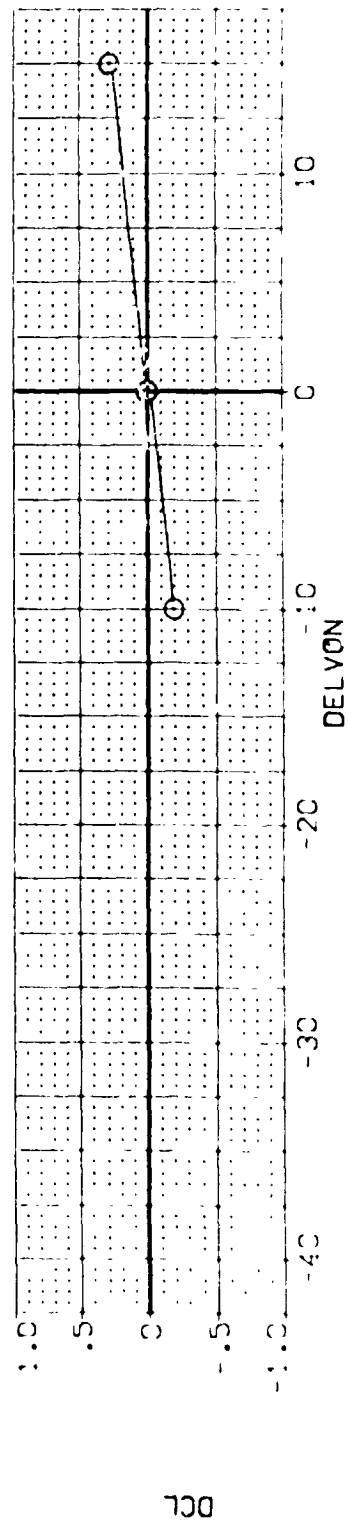
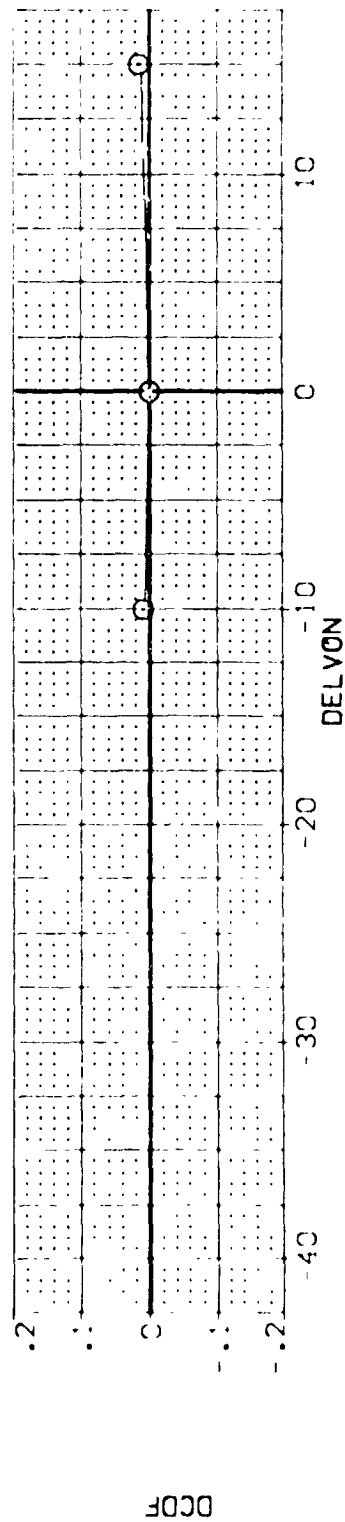
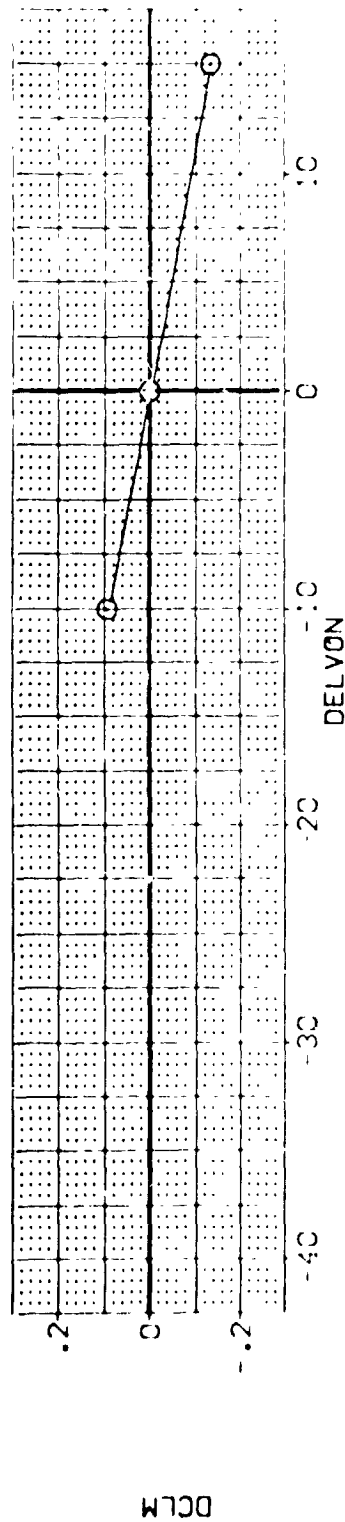


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

CA628 82609 M7E8 W116E34V8R5X9 (EDZ259)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES		DATA SOURCE		REFERENCE INFORMATION	
()	5.000	AIRON	.200	BDLAP	DELTON	DELTON	SPEED	SCALE
		SPDRM	.000	RJDER	.000	.000	REF	REF
			25.000	BETA	.000	EDZ259	BAF	BAF
					.000	EDZ260	XREF	XREF
							YREF	YREF
							ZREF	ZREF
							SCALE	SCALE

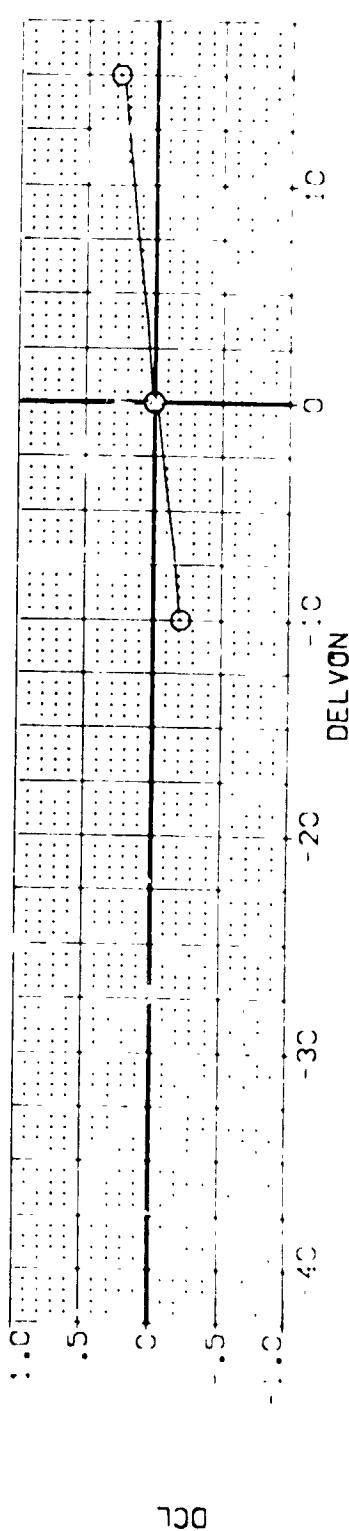
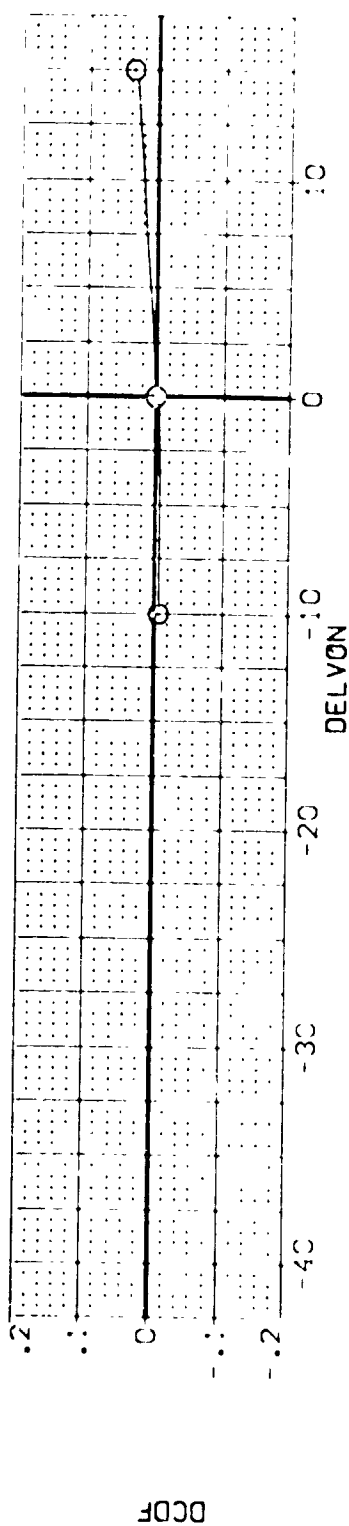
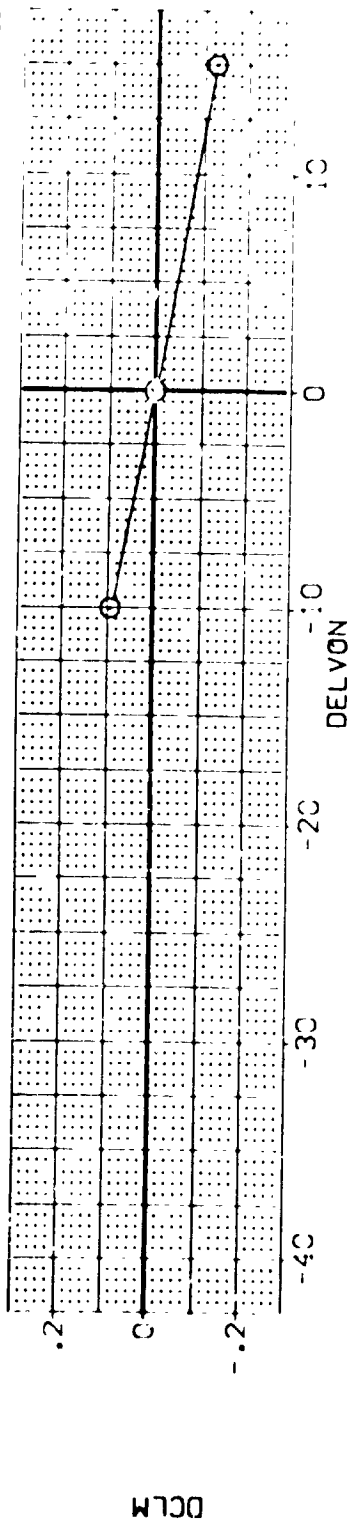


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

(EDZ259)

3A62B 826C9 M7F8 W116E34V8R5X9

SYMBOL	ALPHA	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
○	10.000	MACH .200	DELTON	SPREF 4.4119
		ALLRON .000	CATASET	LPREF 19.2268
		SPORPM 75.000	EDZ759	BPREF 37.9268
			EDZ758	XREF 13.5574
				YREF .0000
				ZREF 15.1875
				SCALE .0400

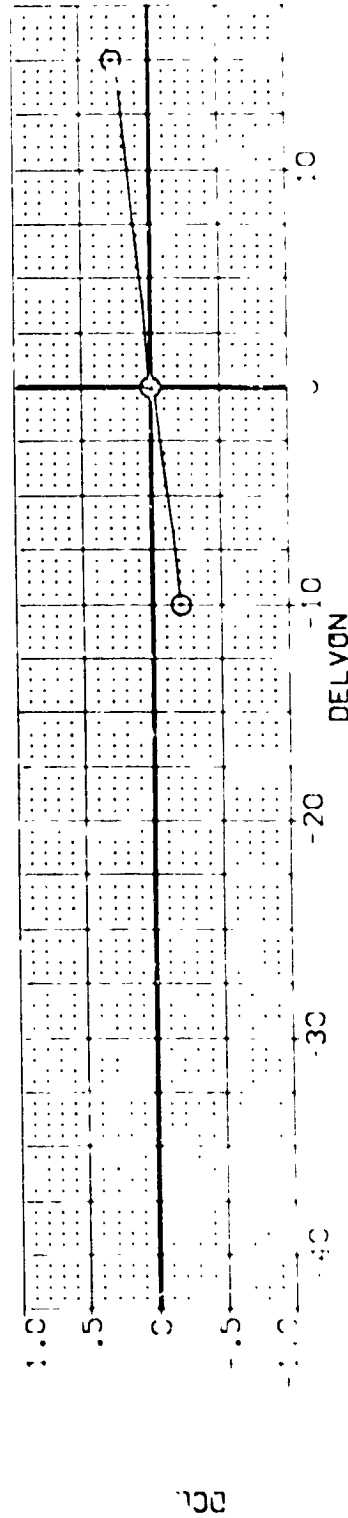
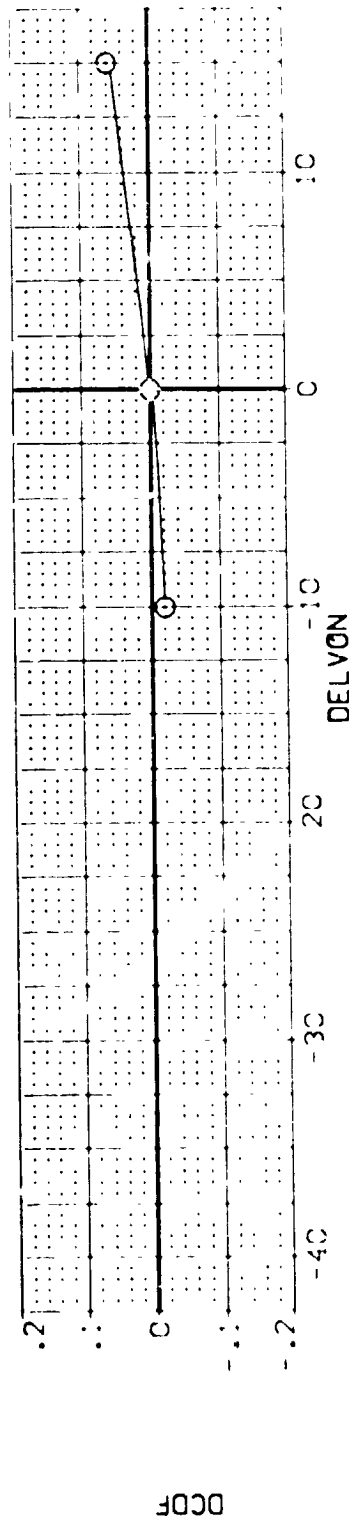
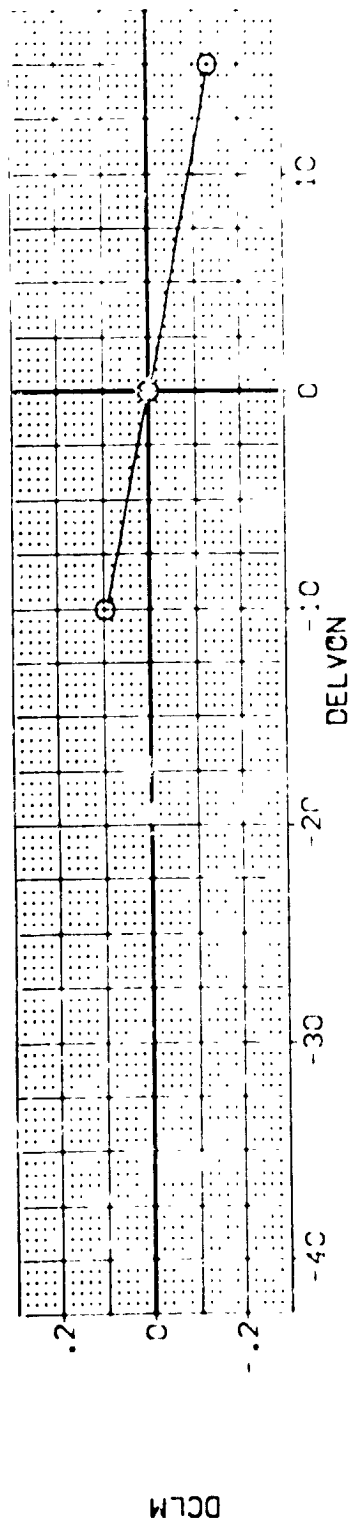


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

GA628 B26C9 M7F8 W116E34V8R5X9 (EDZ259)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
		MACH	BOFLAP	DELTON	DATASET	DELTON	SRFF	SRFF	SRFF	SRFF	SRFF
○	15.000	.200	.000	.000	EDZ259	.000	.000	19.7299	4.4118	SCALE	
		SP08RX	BETA	.000	EDZ258	.000	.000	37.9359	19.7299	SCALE	
								43.5874	37.9359	SCALE	
								.0000	43.5874	SCALE	
								15.1875	15.1875	SCALE	
								.0405	.0405	SCALE	

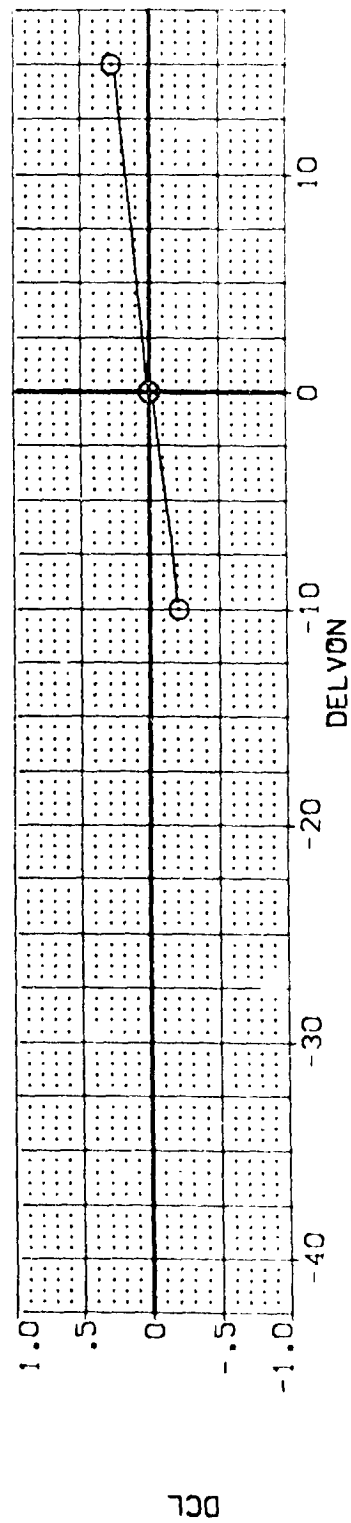
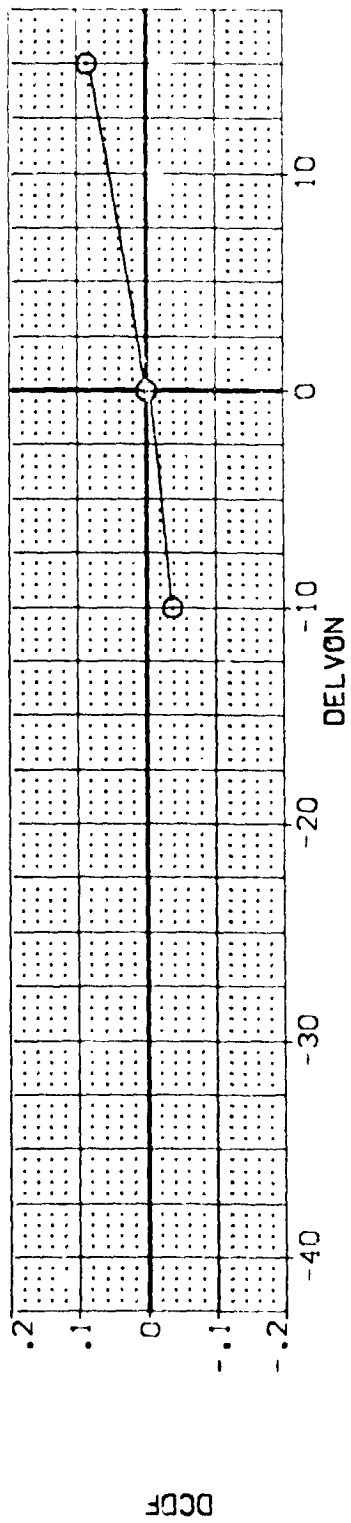
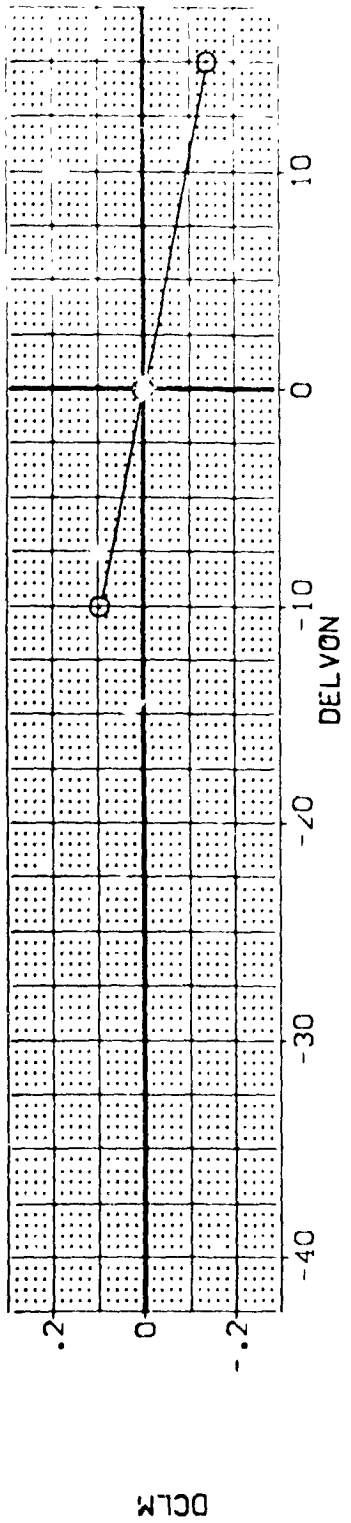


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

3A62B B26C9 M7F8 W116E34V8R5X9 (EDZ259)
 SYMBOL C
 ALPHA 20.000
 PARAMETRIC VALUES
 MACH .200 BDELAP .000 EDZ259
 AILRON .000 RJODER .000 EDZ258
 SPDRK 25.000 BETA .000
 DATA SOURCE
 DELVON -10.000
 DATASET EDZ257
 REFERENCE INFORMATION
 SREF 4.4119
 LREF 19.2259
 BREF 37.9359
 XMRP 43.5974
 YMRP .0000
 ZMRP 15.1875
 SCALE .0405
 SCALING
 SCALING
 SCALING
 SCALING
 SCALING
 SCALING

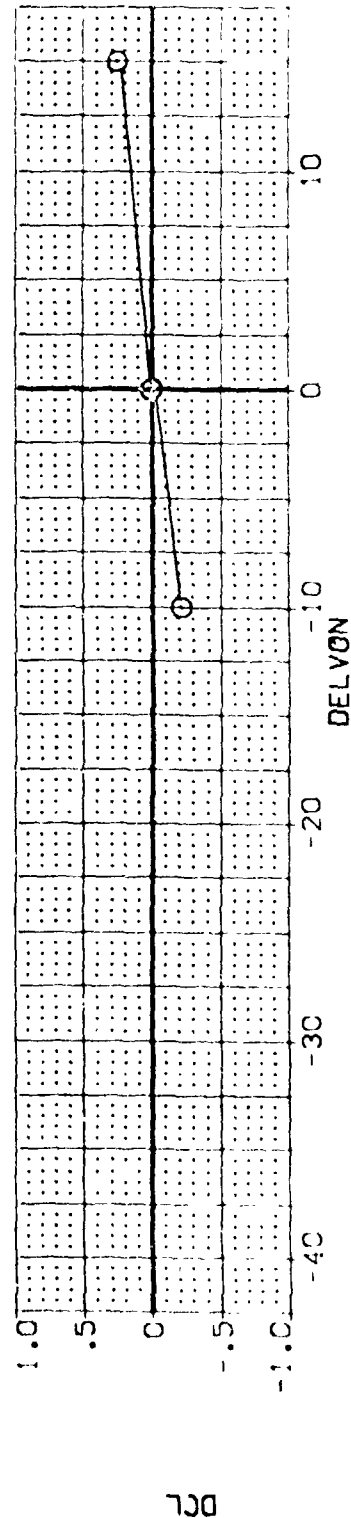
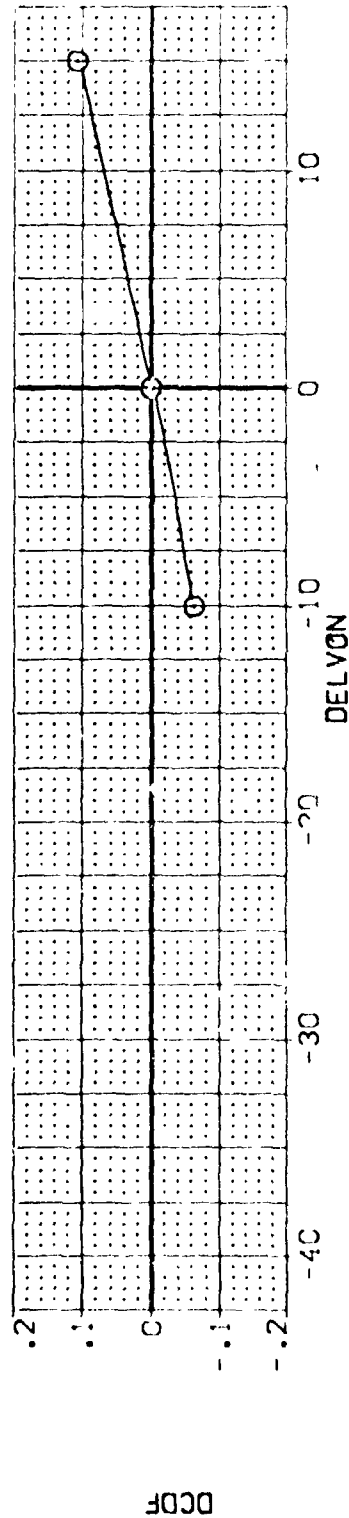
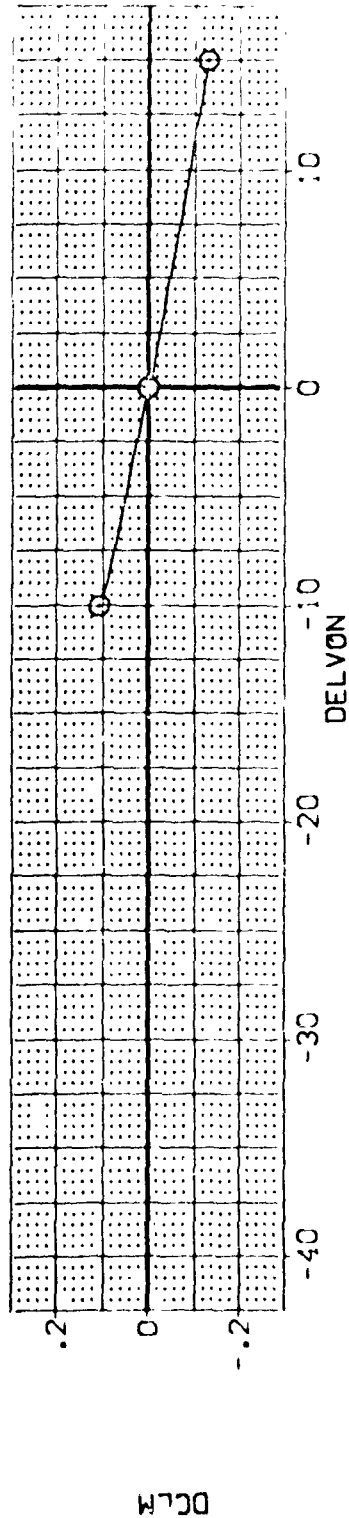


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

(EDZ259)

W116E34V8R5X9

W7F8

B26C9

CA62B

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
○	25.000	ALLRON	.200 BOFLAP	DELTON	SRFF
		SPDRON	.000 RUDDER	EDZ257	LRFF
			25.000 BETA	EDZ260	BRFF
					XMRP
					YMRP
					ZMRP
					SCALE
					4.4119
					19.2299
					37.9358
					43.5974
					15.0000
					15.1875
					15.0405

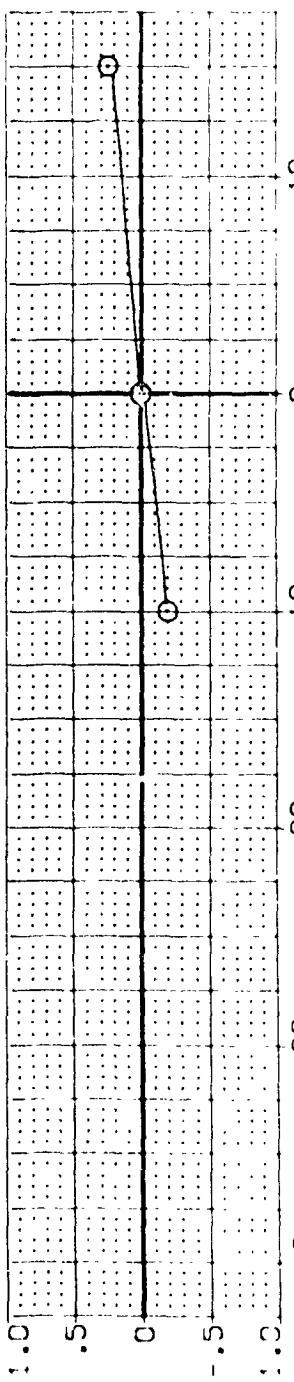
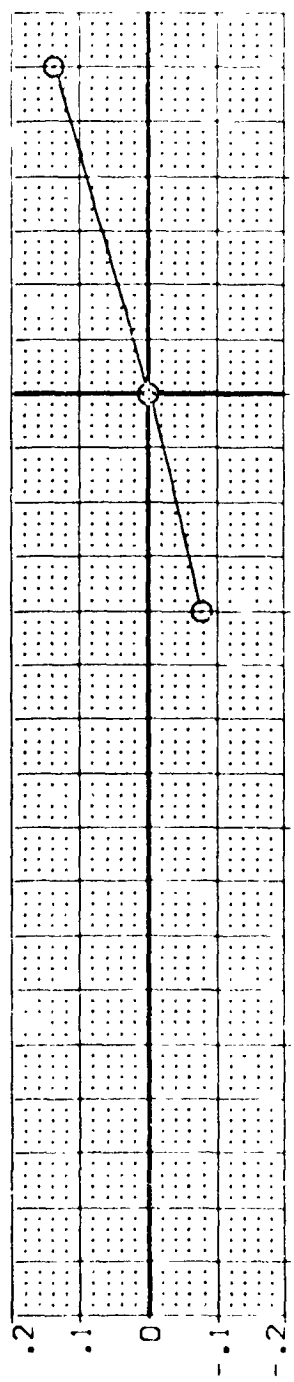
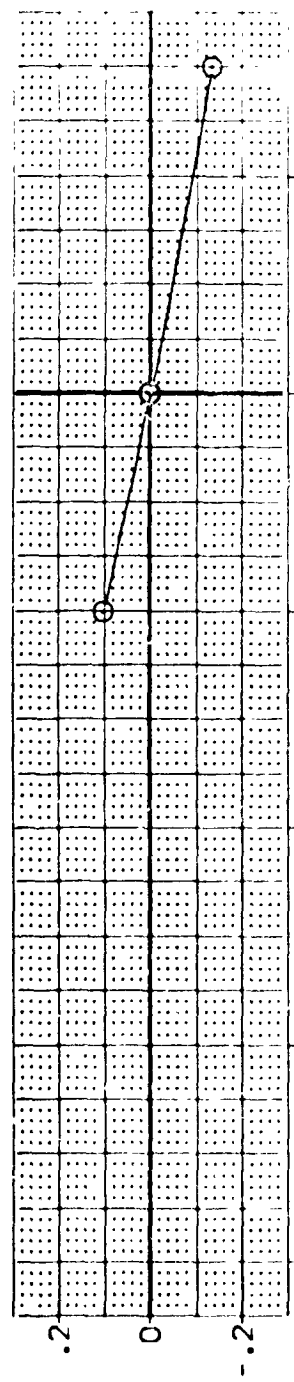


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

CA62B 326C9 M7F8 W116E34V8R5X9 (EDZ259)

SYMBOL	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
	ALPHA	MACH	BOFLAP	RJODER	BETA	DELTON	DATASET	DELTON	SREF	SCALE
○	30.000		.200	.000	25.000	-10.000	EDZ259	.000	4.419	19.2288
		A1LRON				.000	EDZ257	15.000	37.9359	37.9359
		SPOBRK				.000	EDZ260		43.5974	43.5974
									15.000	15.000
									15.1875	15.1875
									10405	10405

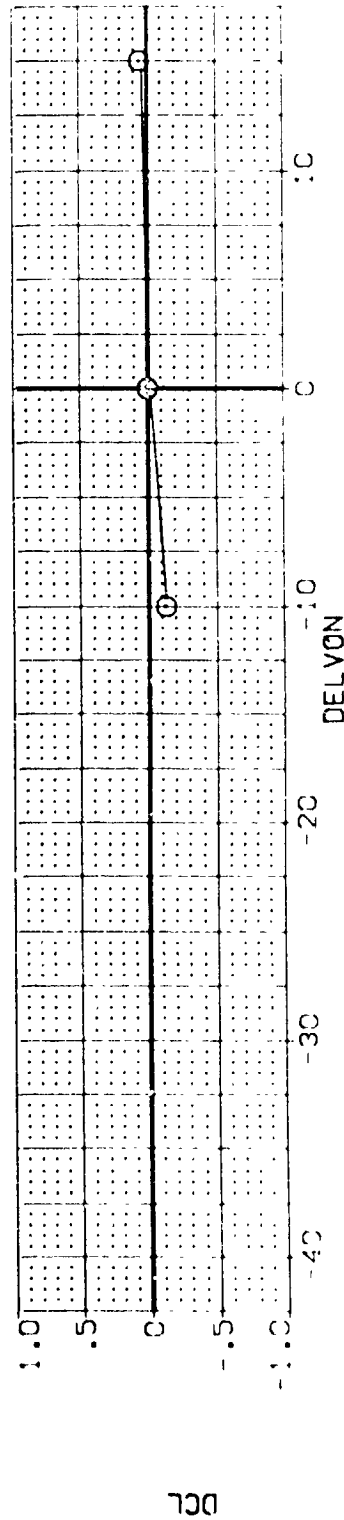
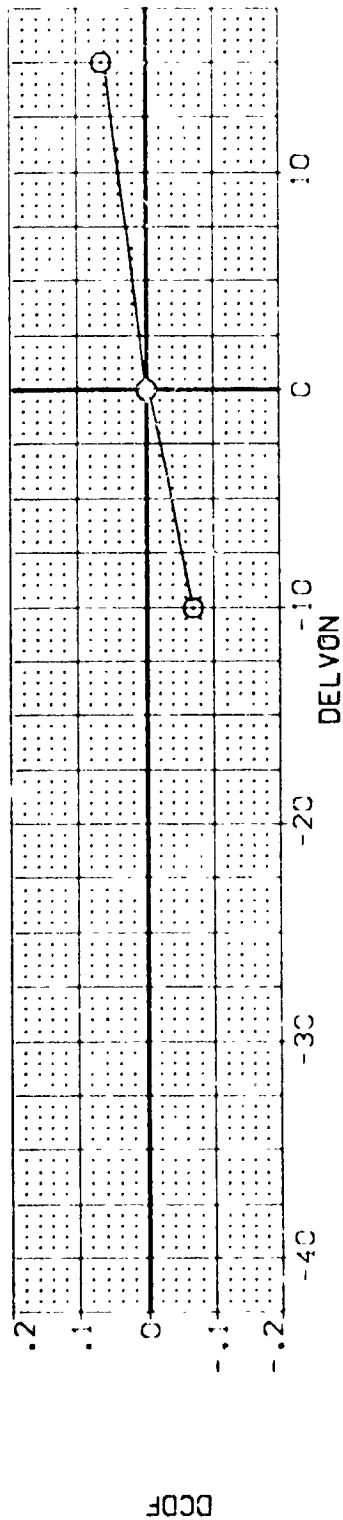
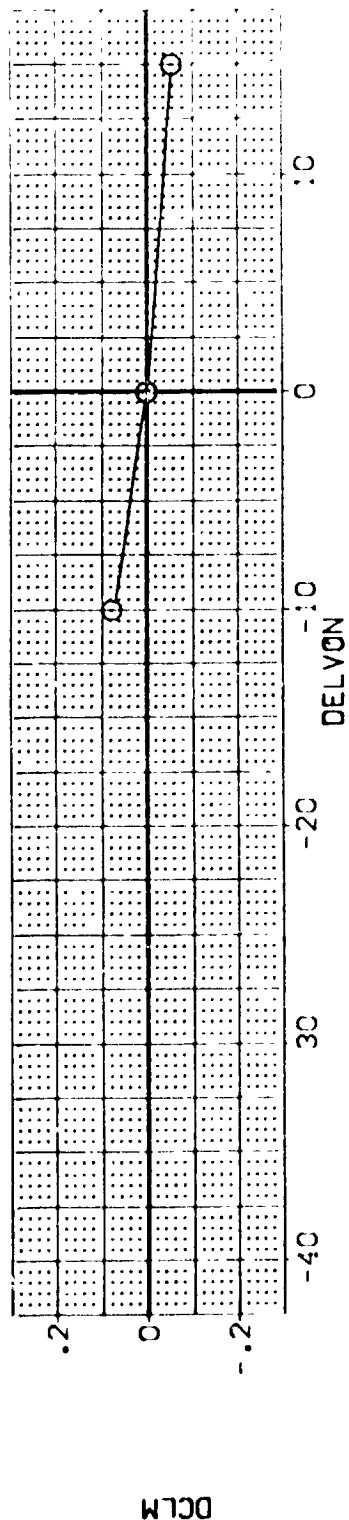
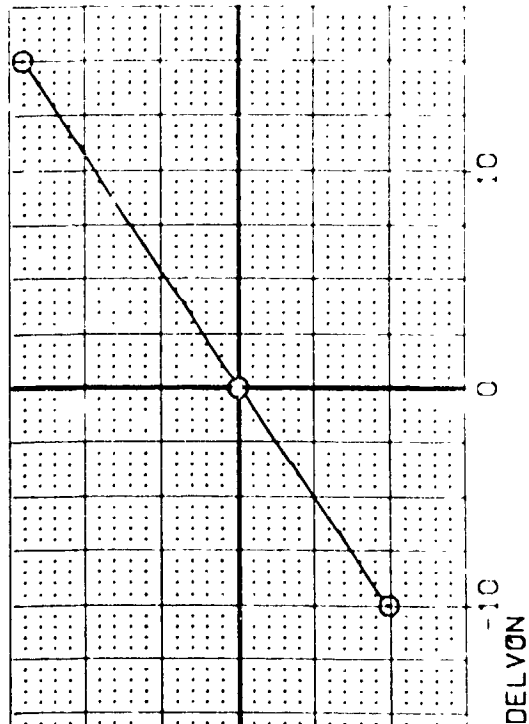
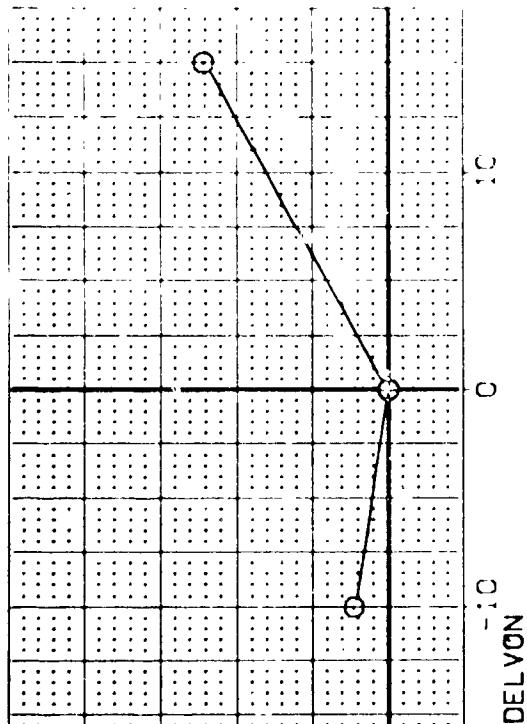


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

ALPHA
MACH
ALLRON
SPD8X



PAGE 110

SYMBOL	ALPHA	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
○	5.000			
		WAG-1		SOX-1
		ALPION		SOX-2
		SP0804		SOX-3
				SOX-4
				SOX-5
				SOX-6
				SOX-7
				SOX-8
				SOX-9
				SOX-10
				SOX-11
				SOX-12
				SOX-13
				SOX-14
				SOX-15
				SOX-16
				SOX-17
				SOX-18
				SOX-19
				SOX-20
				SOX-21
				SOX-22
				SOX-23
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				SOX-26
				SOX-27
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				SOX-42
				SOX-43
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				SOX-46
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				SOX-91
				SOX-92
				SOX-93
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				SOX-99
				SOX-100

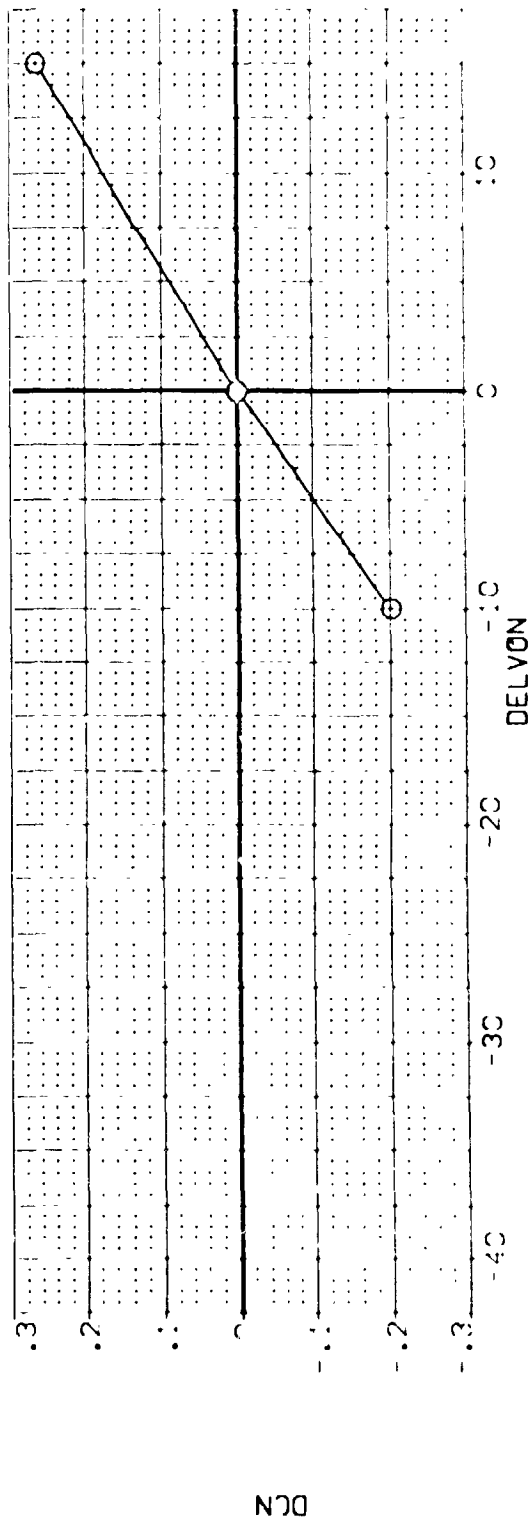
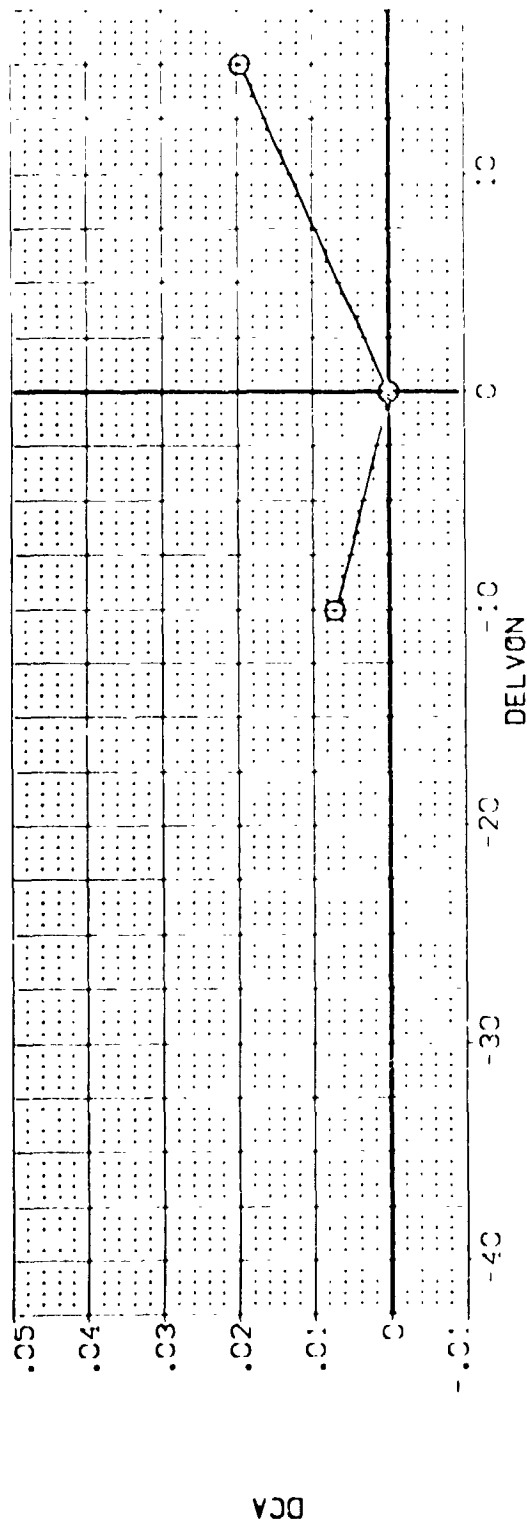


FIG. 91. ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES			DATA SOURCE			REFERENCE INFORMATION		
			BOFLAP	BOFLAP	BOFLAP	DATASET	DELVXN	DELVON	SREF		
10.000			.200			-12.000			19.2769		10.000
			.000			.000	-10.000	.000	37.9369		10.000
						.000	.000	15.000	43.5974		10.000
			25.000			.000			15.000		10.000
									15.1875		10.000
									.0402		10.000

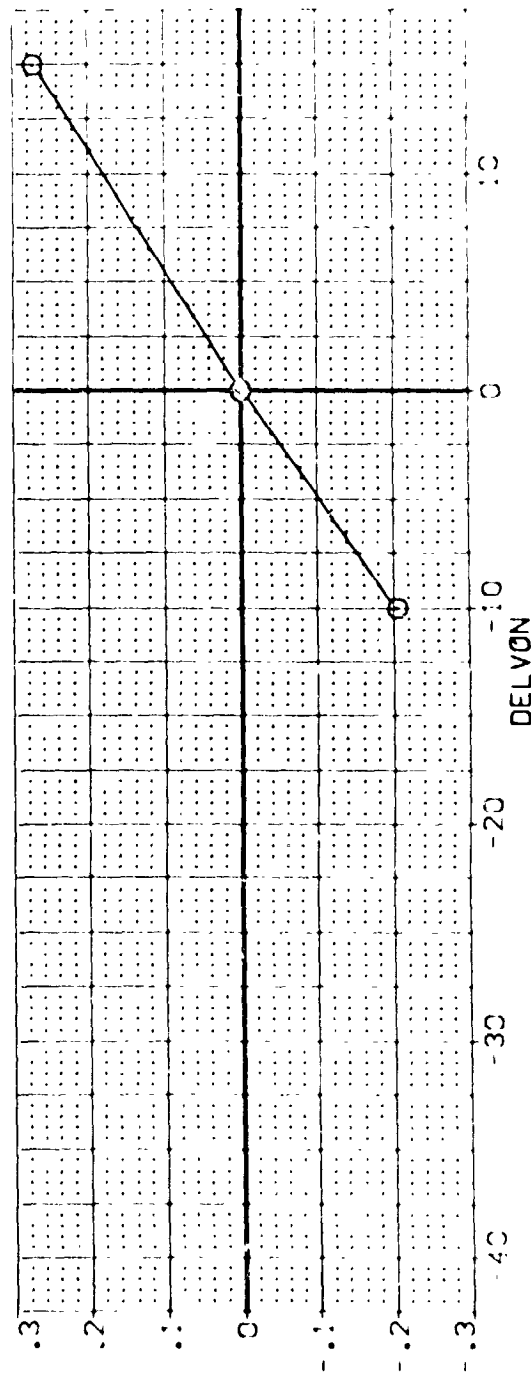
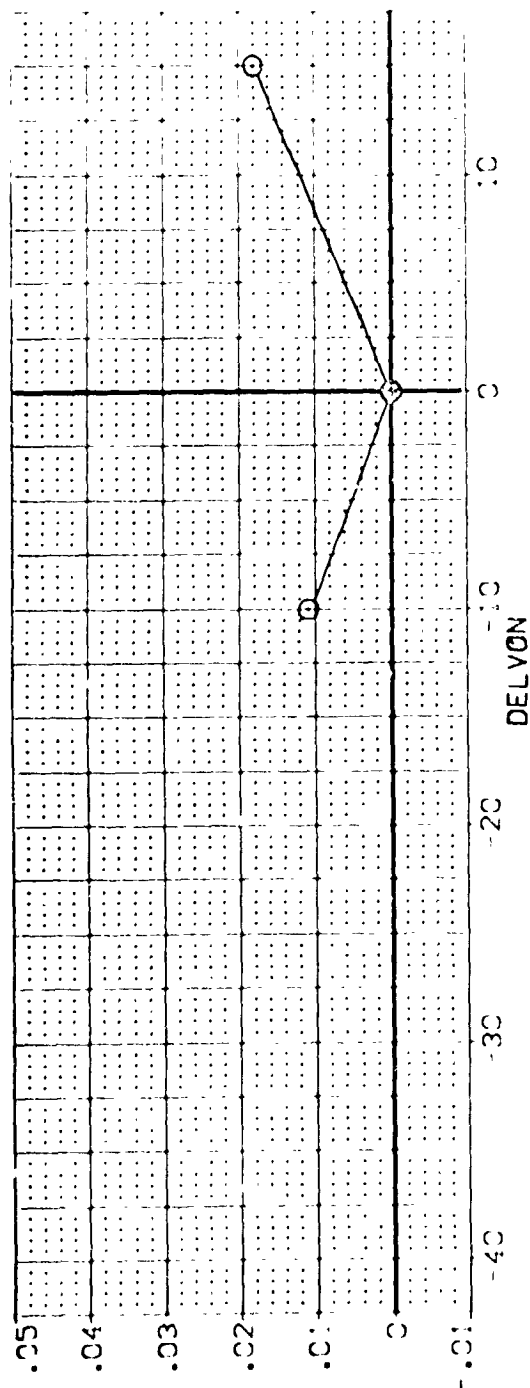


FIG. 9: ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

GA62B B26C9 M7F8 W116E34V8R5X9 (EDZ259)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	REFERENCE INFORMATION
○	15.000	ATLURON	.200	DELTON	SCREF
		SPORRK	.000	EDZ757	LPKF
			25.000	EDZ758	EDZ759
					EDZ760
					EDZ761
					EDZ762
					EDZ763
					EDZ764
					EDZ765
					EDZ766
					EDZ767
					EDZ768
					EDZ769
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					EDZ899
					EDZ900

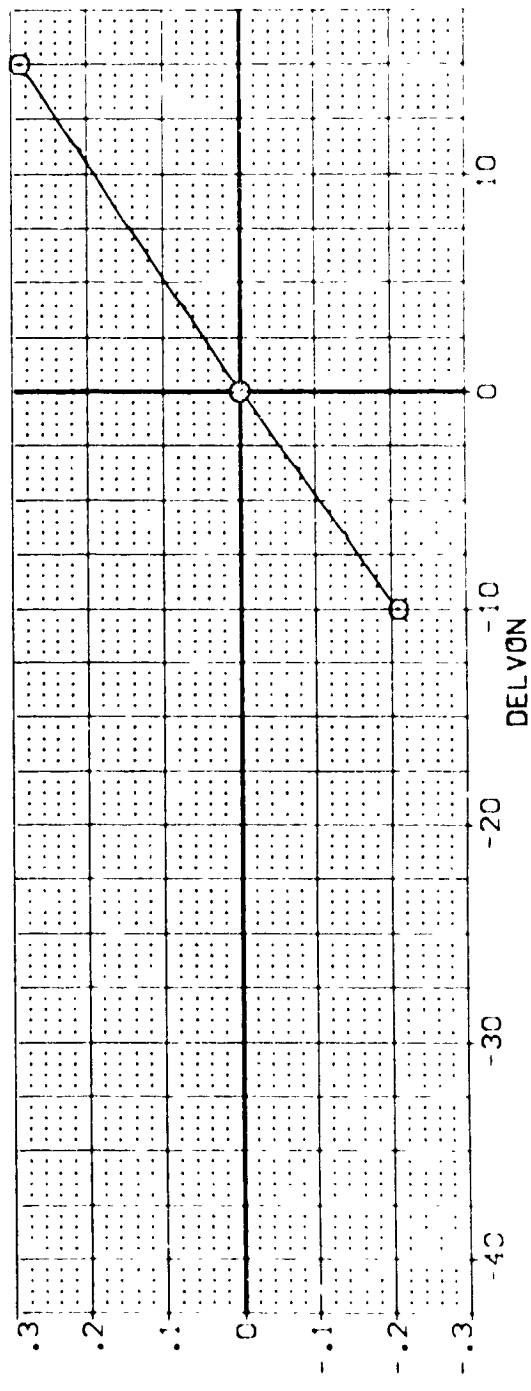
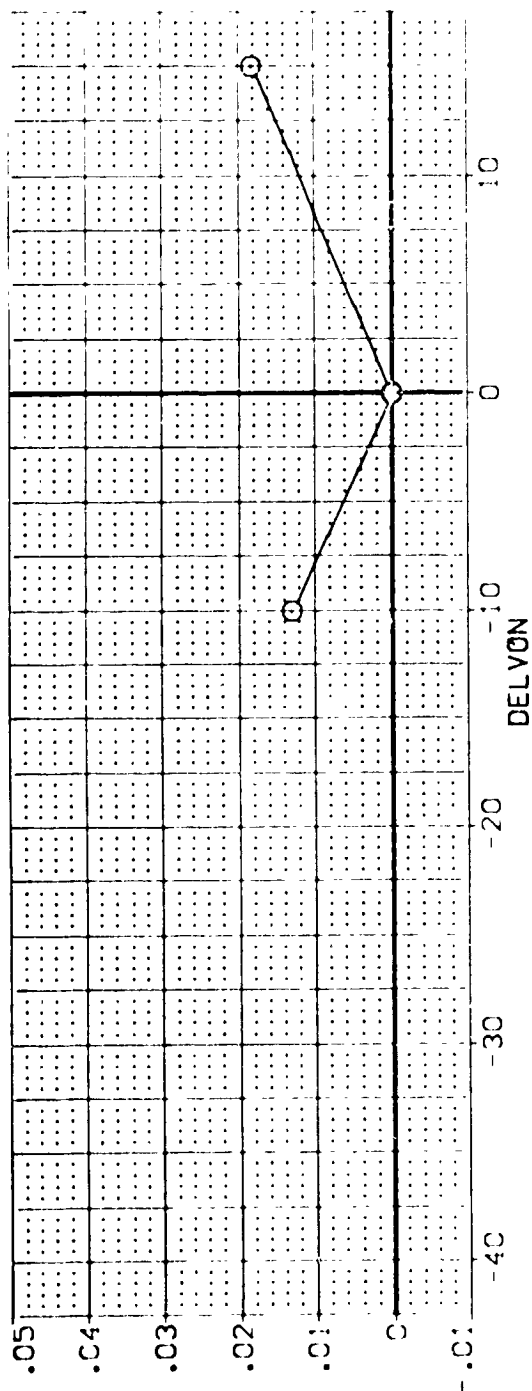


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

CA62B

B26C9

W7F8

W116E34V8R5X9

(EDZ259)

ALPHA

20.000

PARAMETRIC VALUES

MACH

.200

BOFLAP

.000

RUDDER

BETA

25.000

DATA SOURCE

DELVON

-10.000

DATASET

EDZ259

REFERENCE INFORMATION

SPRF

4.4119

DEF

19.2299

BR

37.9359

YMDP

43.5974

YMDP

15.0000

YMDP

15.1873

SCALE

.0405

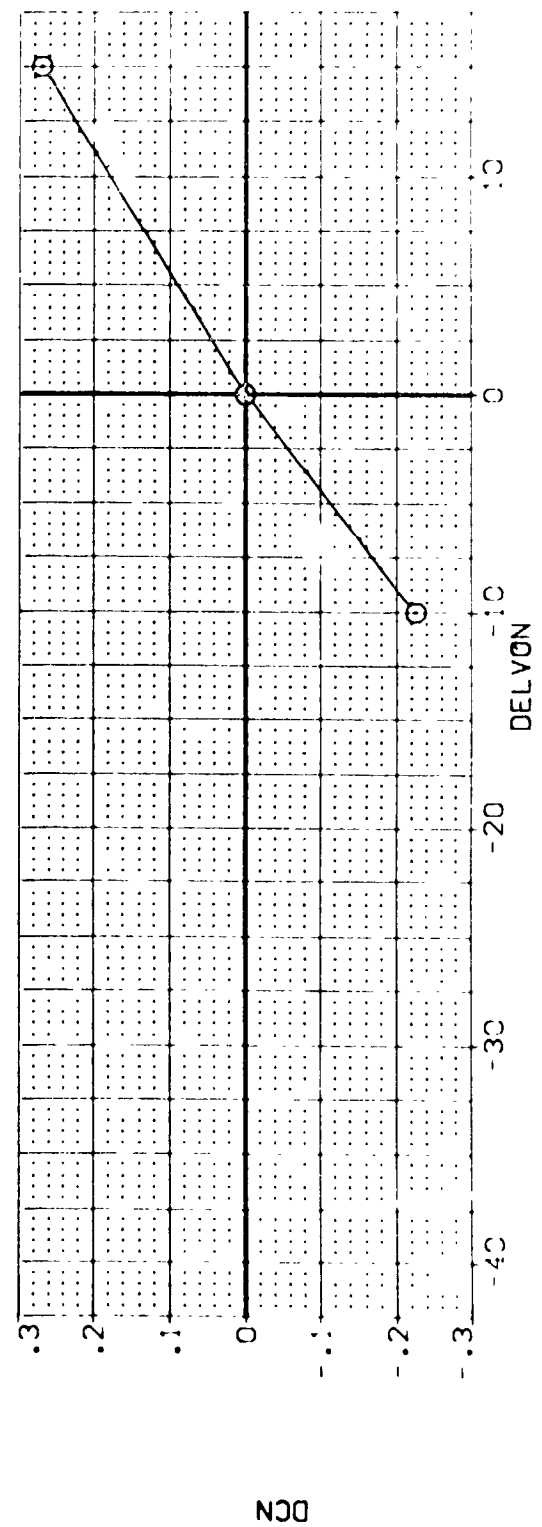
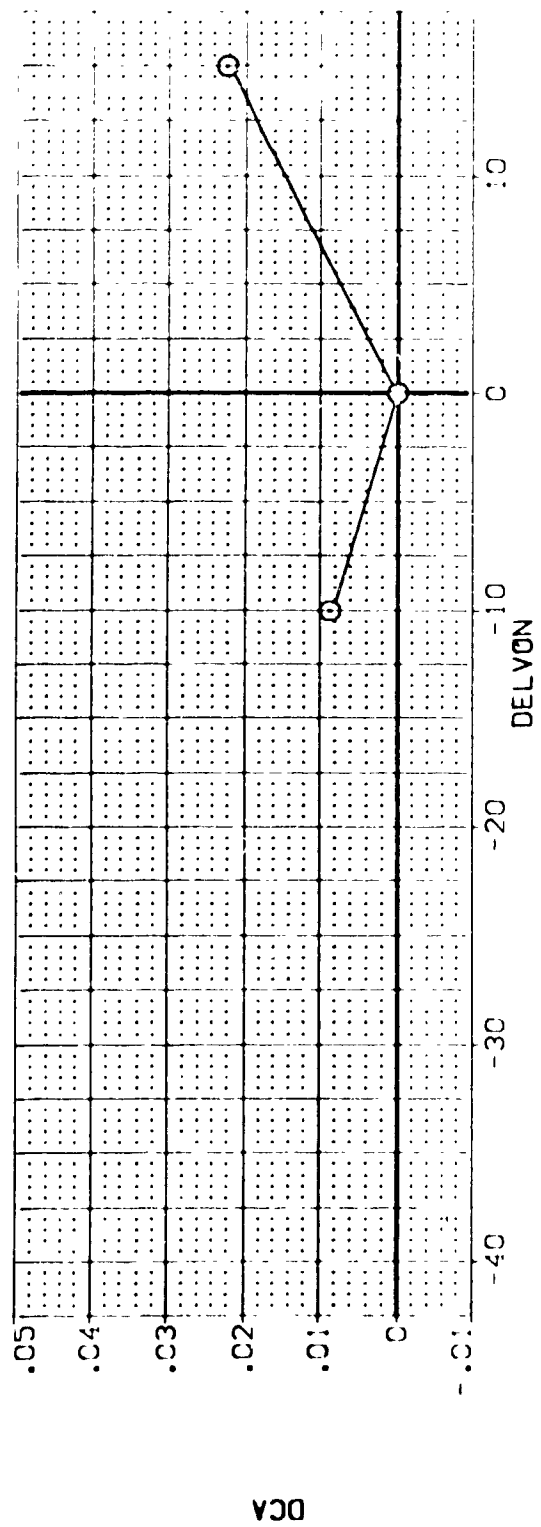


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

GA62B 826C9 M7F8 W116E34V8R5X9 (EDZ259)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
		MACH	BOFLAP	R-ORDER	BETA	DELTON	DELTON	SRFF	DEF	SCALE	SCALE
○	25.000	.200	.000	.000	.000	-10.000	.000	19.2289	19.2289	1.000	1.000
		AIRRON				.000	.000	37.9359	37.9359	1.000	1.000
		SPOBRK	25.000			.000	.000	43.9374	43.9374	1.000	1.000
								15.1875	15.1875	1.000	1.000
								SCALE	SCALE	SCALE	SCALE

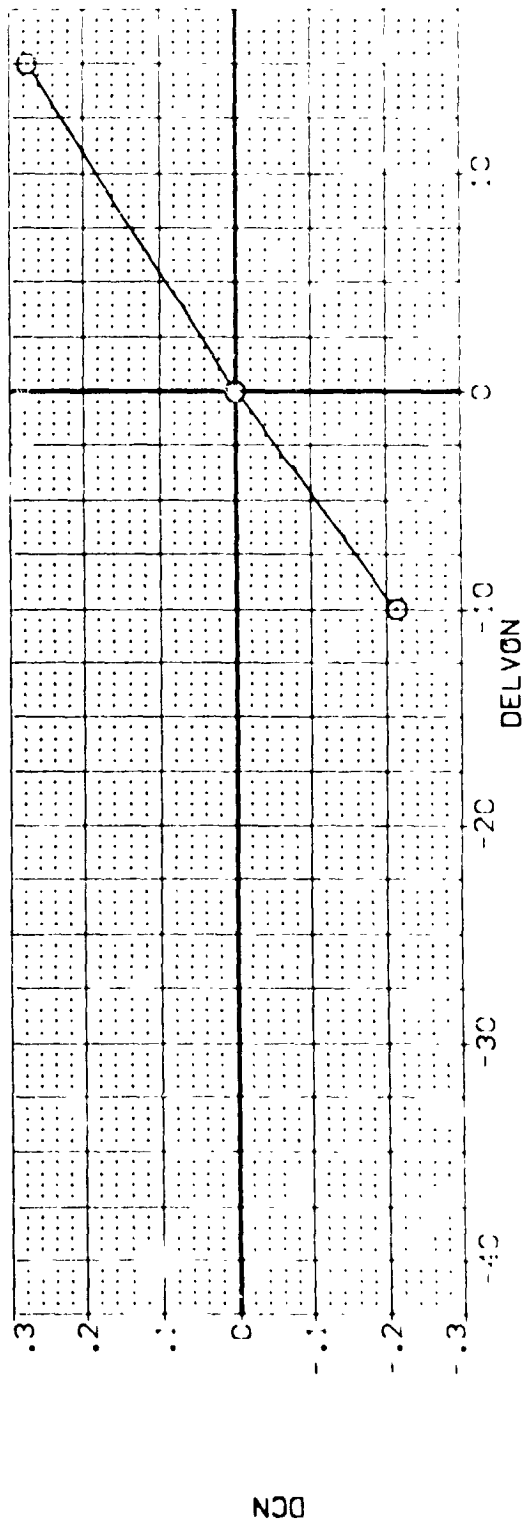
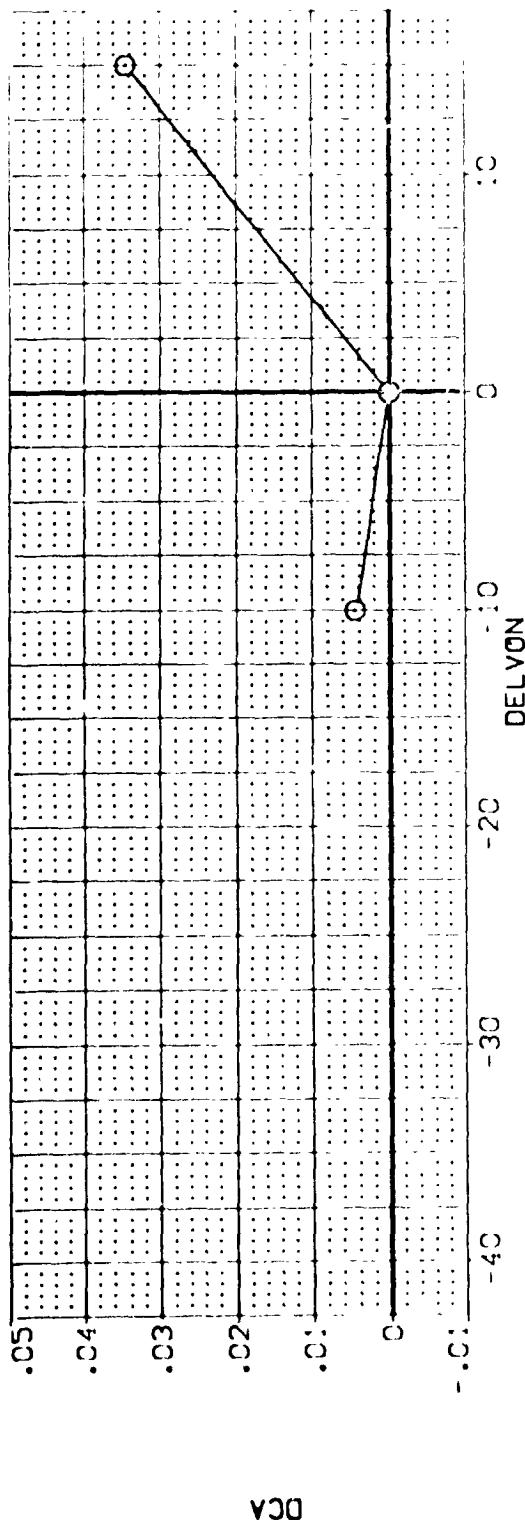


FIG 91 ELEVON EFFECTIVENESS, F34, 25 DEG. FLARE

CA628 326C9 W7F8 W116E34V8R5X9 (EDZ759)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	DATA SET	DEL VON	SCALE	REFERENCE INFORMATION
○	30.000	4.000	BOFLAP .000 RUDER 25.000 BEVA	-12.000 .000 .000 EDZ759 EDZ758	DEL VON -10.000 .000 EDZ757 EDZ760	DEL VON .000 15.000	SPRE 4.4119 BRE 19.7796 BPR 31.9359 XPR 43.5912 YPR .0000 ZPR 15.1875 SCALE .0405	SC.F SC.F SC.F SC.F SC.F SC.F SC.F SC.F

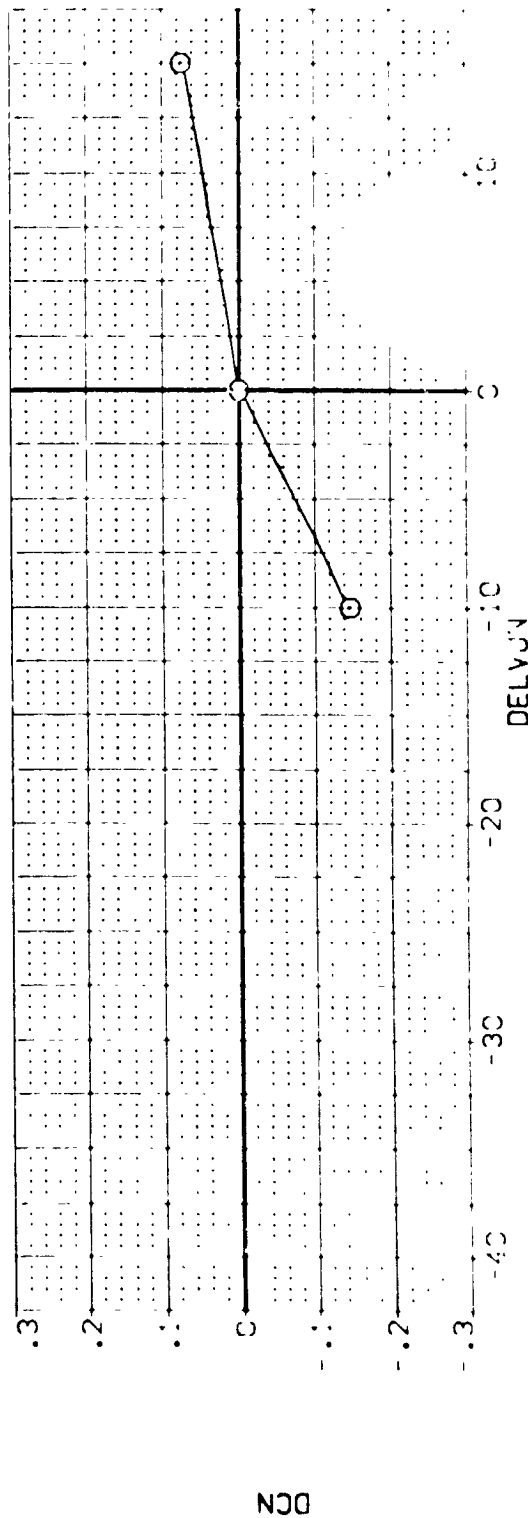
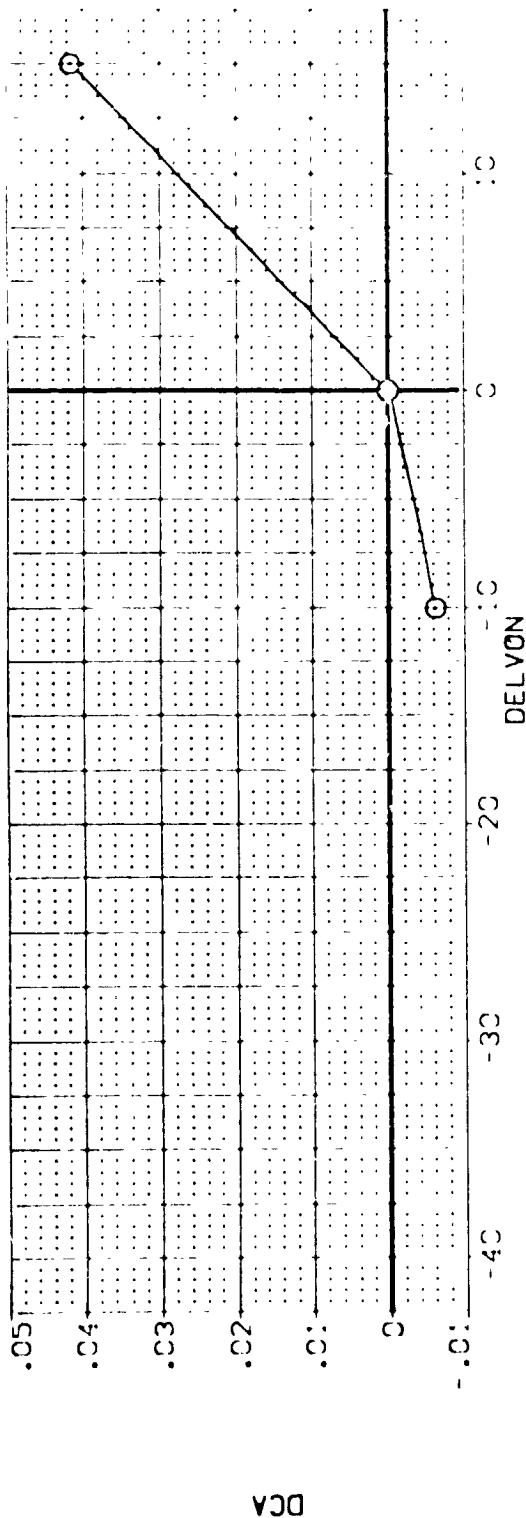


FIG 91 ELEVON EFFECTIVENESS, E34, 25 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BDF LAP	RJDOOR	REFERENCE INFORMATION
[807240]	C4528 B75C9 M758 V115E28V8PSX9	.000	25.000	-12.000	.000	4.4119 SQ.FT.
[807267]	C4528 B75C9 M758 V115E28V8PSX9	.000	25.000	-12.000	.000	19.7298 SQ.FT.
[807273]	C4528 B75C9 M758 V115E28V8PSX9	.000	25.000	-12.000	.000	37.9329 SQ.FT.
[807279]	C4528 B75C9 M758 V115E28V8PSX9	.000	25.000	-12.000	.000	43.5914 SQ.FT.
						15.8719 SQ.FT.
						SCALE

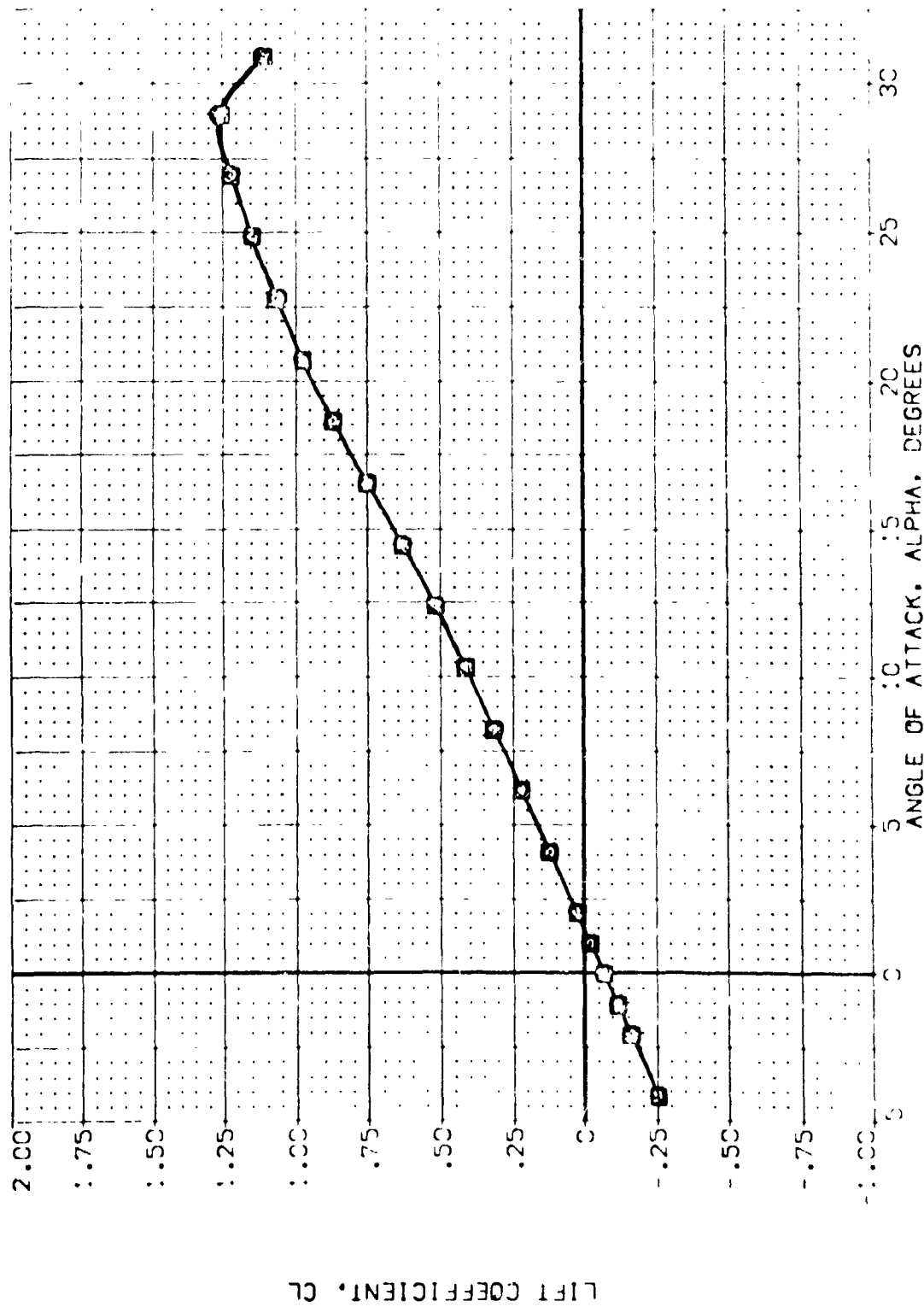
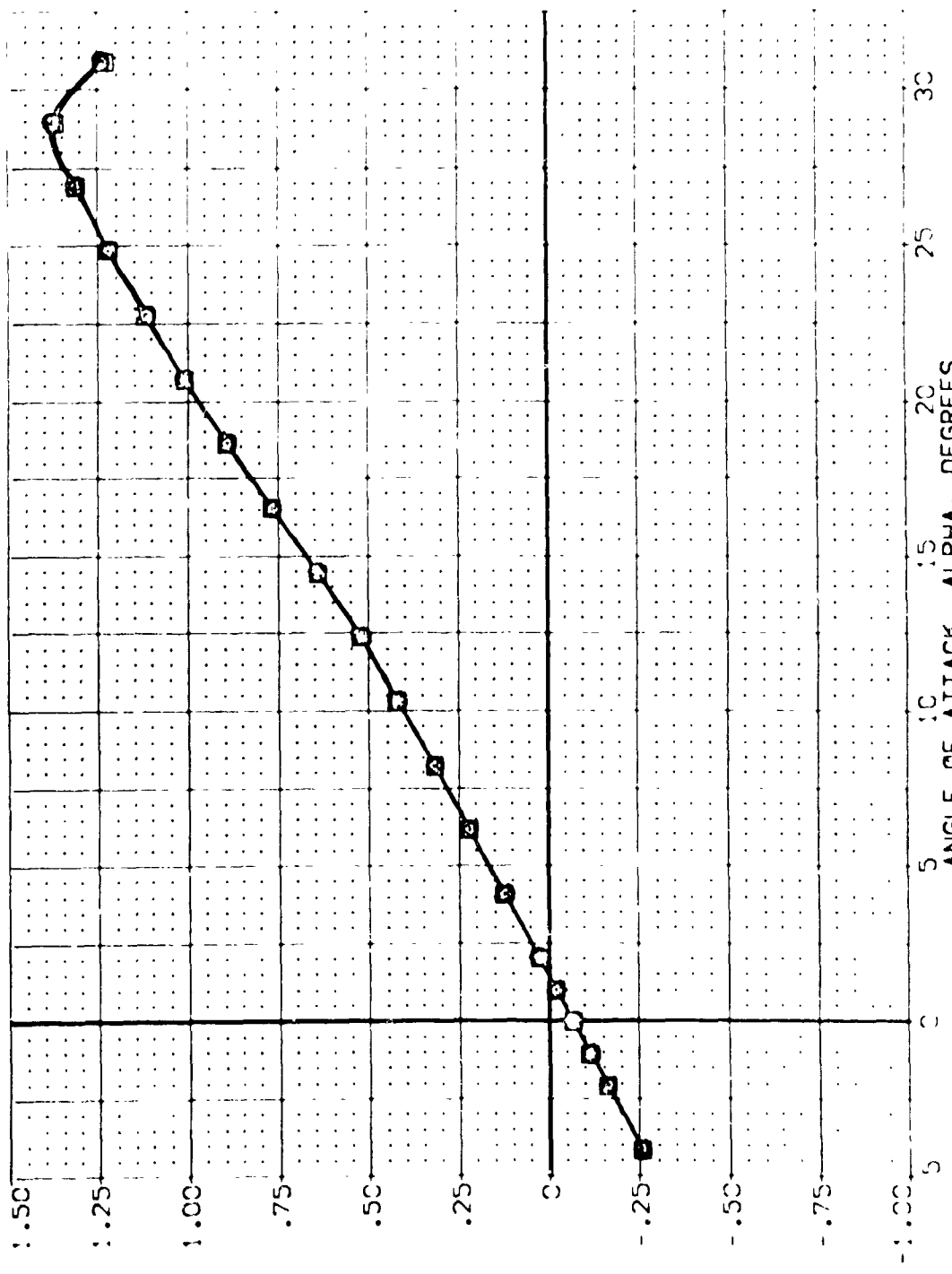


FIG 92 EFFECT OF CARGO BAY DOOR GAPS + HINGES PLUS 3WS + VERT. TAIL GAPS-LONG

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOON	BO-LAP	RUDDER	REFERENCE INFORMATION
EC7240	DA628 B75C9 M7F8 V116E28V8P5X9	.000	25.000	-12.000	.000	SPK1 4.4119 SCALING
EC7247	DA628 B75C9 M7F8 V116E28V8P5X9	.000	25.000	-12.000	.000	SPK1 19.2289 SCALING
EC7273	DA628 B75C9 M7F8 V116E28V8P5X9	.000	25.000	-12.000	.000	SPK1 37.9339 SCALING
EC7279	DA628 B75C9 M50F8 V116E28V8P5X9	.000	25.000	-12.000	.000	SPK1 43.1587 SCALING
						Y400 15.1873 SCALING
						Z400 .0403 SCALING



NORMAL FORCE COEFFICIENT, CN

FIG 92 EFFECT OF CARGO bari DOOR GAPS + HINGES PLUS QMS + VERT. TAIL GAPS-LONG

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDDER	REFERENCE INFORMATION
(B07240)	CA628 B26C9 MTF8 V116E28V85X9	.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT.
(B07267)	CA628 B53C9 MTF8 V116E28V85X9	.000	25.000	-12.000	.000	LREF 19.2289 INCHES
(B07273)	CA628 B53C9 MTF8 V116E28V85X9	.000	25.000	-12.000	.000	BREF 37.9359 INCHES
(B07279)	CA628 B53C9 M50F8 V116E28V85X9	.000	25.000	-12.000	.000	XREF 43.5974 INCHES
						YREF 15.1875 INCHES
						ZREF .0403 INCHES
						SCALE

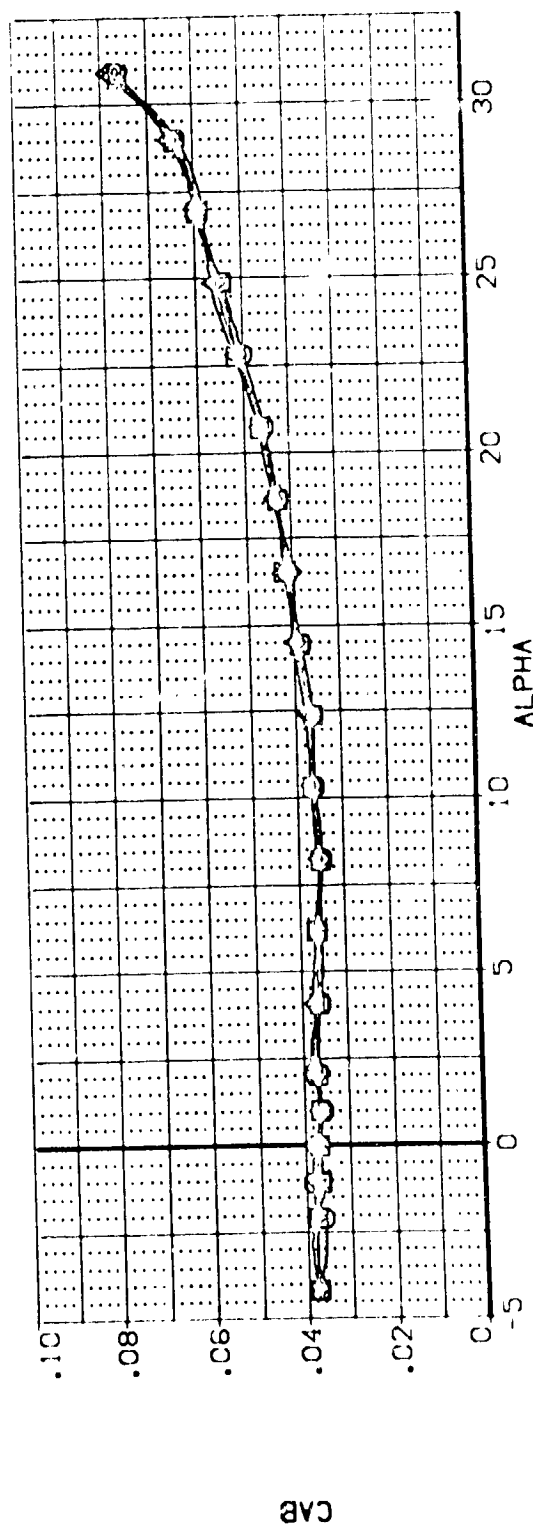
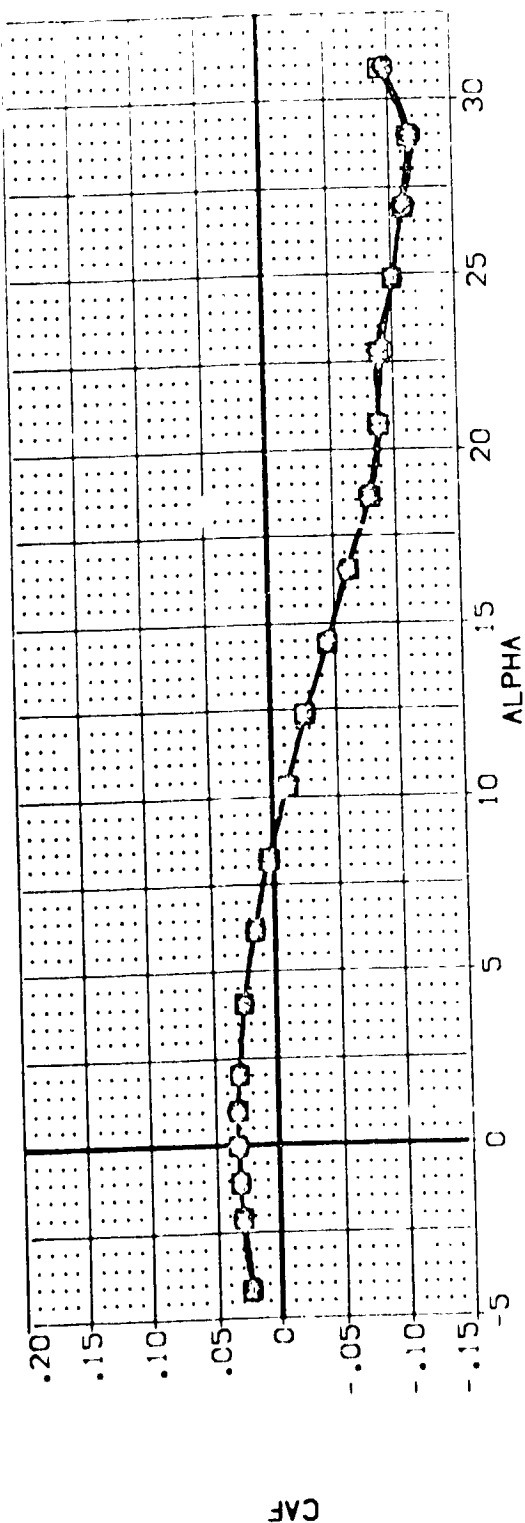
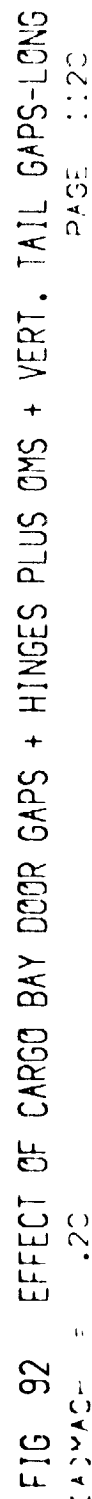


FIG 92 EFFECT OF CARGO BAY DOOR GAPS + HINGES PLUS QMS + VERT. TAIL GAPS-LONG

(A)MACH = .20

FOREBODY DRAG COEFFICIENT, COF



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BD FLAP	RUDDER	REFERENCE INFORMATION
(807240)	CA628 B53C9 M7F8 V11628V85X9	.000	25.000	-12.000	.000	SPDF 4.4119 SCALE
(807267)	CA628 B53C9 M7F8 V11628V85X9	.000	25.000	-12.000	.000	BRF 19.2798 SCALE
(807273)	CA628 B53C9 M7F8 V11628V85X9	.000	25.000	-12.000	.000	BRF 37.9359 SCALE
(807279)	CA628 B53C9 M50F8 V11628V95X9	.000	25.000	-12.000	.000	BRF 43.9974 SCALE
					YREF .000	SCALE
					ZREF .000	SCALE
					YREF 15.1875	SCALE
					ZREF .000	SCALE

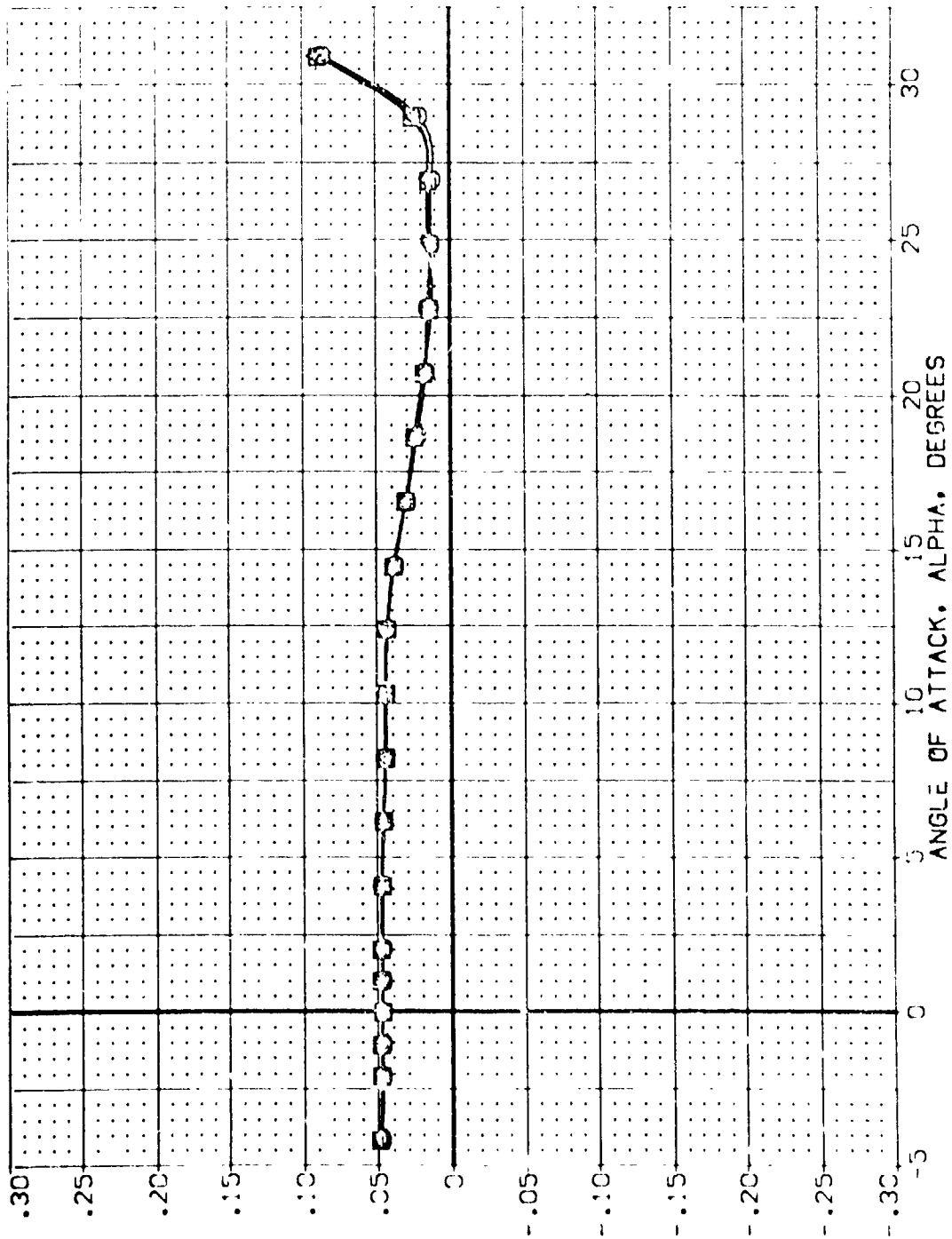


FIG 92 EFFECT OF CARGO BAY DOOR GAPS + HINGES PLUS QMS + VERT. TAIL GAPS-LONG

ELEVON	SPOOR	BOFLAP	RUDER	REFERENCE INFORMATION
.000	25.000	-2.000	.000	SREF 4.419
.000	25.000	-2.000	.000	LBREF 19.2793
.000	25.000	-2.000	.000	BRKF 37.9333
.000	25.000	-2.000	.000	YAPP 43.5811
.000	25.000	-2.000	.000	ZAPP 15.875
				SCALE .0003

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(B02240)	Q NAS28 B06C9 M7F8 V16E28/895X9
(B02267)	Q CA628 B52C9 M7F8 V16E28/895X9
(B02273)	Q CA628 B53C9 M7F8 V16E28/895X9
(B02279)	Q CA628 B53C9 M50F8 V16E28/895X9

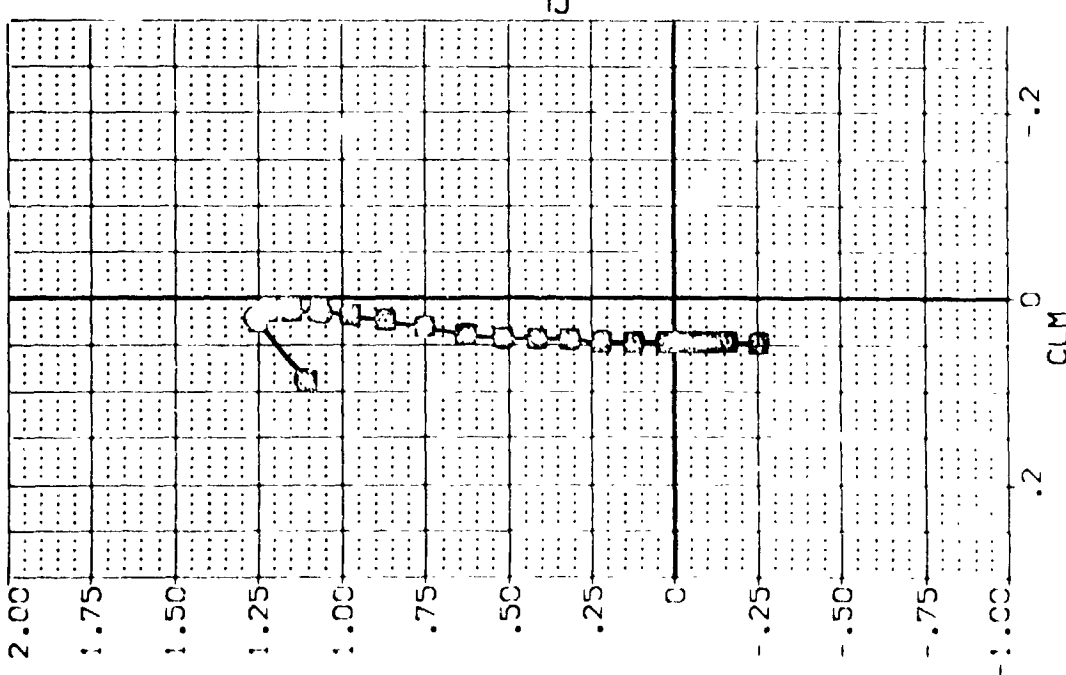
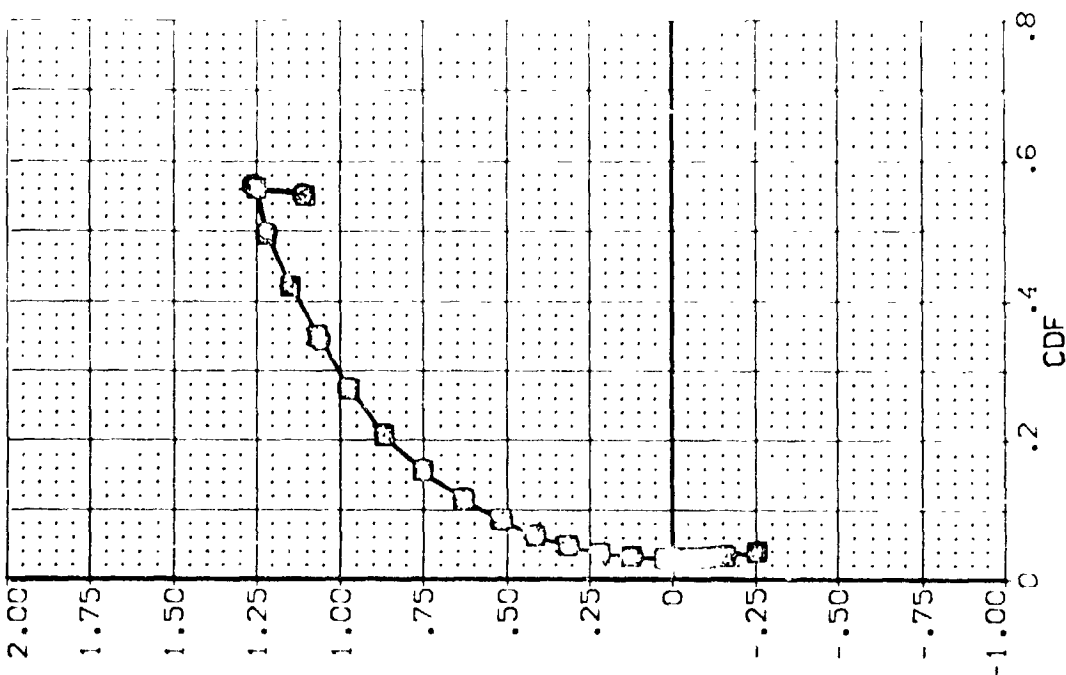


FIG 92 EFFECT OF CARGO BAY DOOR GAPS + HINGES PLUS OMS + VERT. TAIL GAPS-LONG
 (A)MAC - .20 PAGE 1122

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AIRBOR	REFERENCE INFORMATION
0027119	CA628 B57C9 WTE8 V116E28V8P5X9	.000	.000	25.000	.000	SCALE
0027268	CA628 B57C9 WTE8 V116E28V8P5X9	.000	.000	25.000	.000	SCALE
0027274	CA628 B53C9 WTE8 V116E28V8P5X9	.000	.000	25.000	.000	SCALE
0027280	CA628 B53C9 WTE8 V116E28V8P5X9	.000	.000	25.000	.000	SCALE
						SCALE

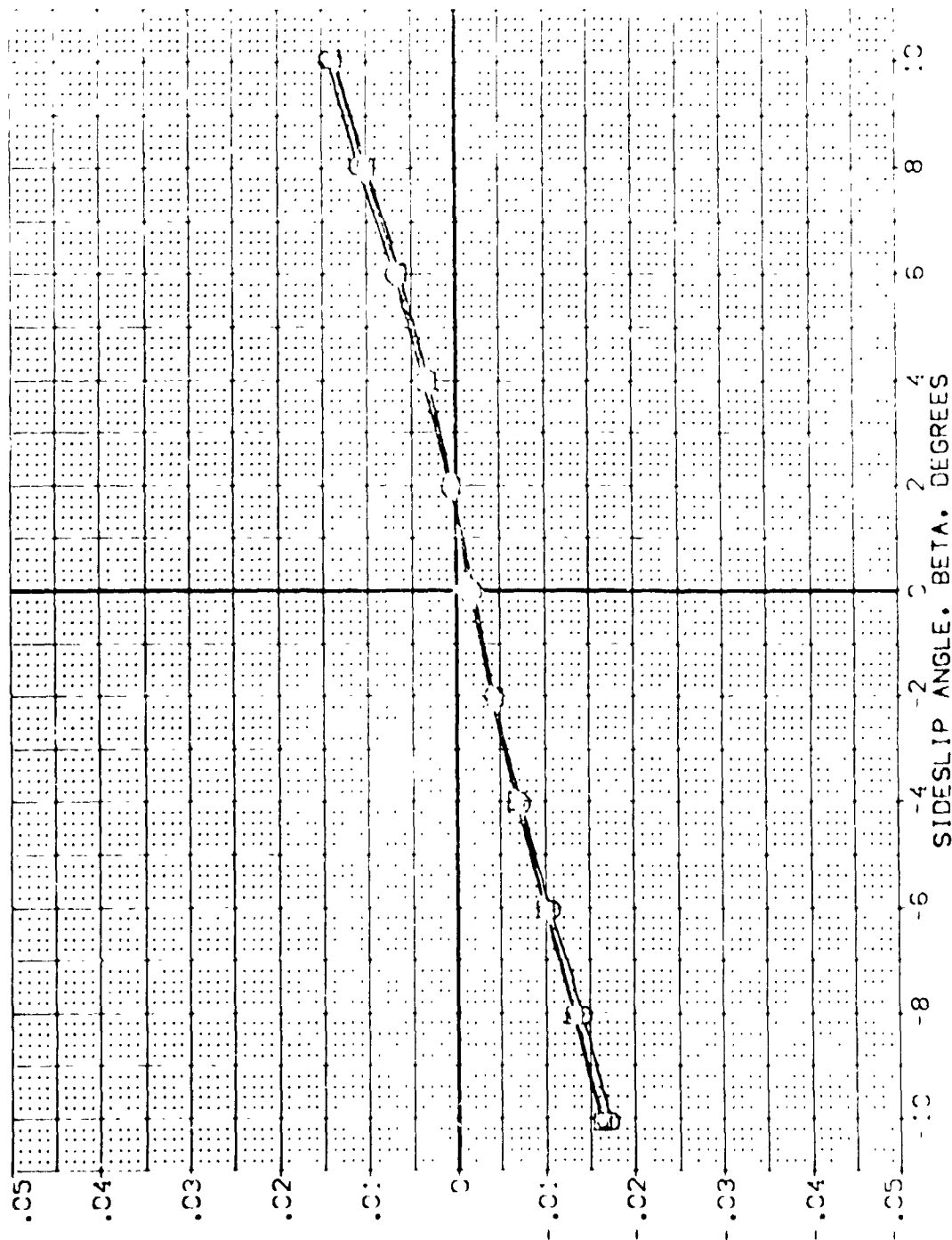


FIG 93 EFFECT OF CARGO BAY DOOR GAPS + HINGES + 0MS + V.T. GAPS-LAT. 0 ALPHA
 CALMAC = .20
 PAGE 1125

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOON	AIRLON	REFERENCE INFORMATION
[R02119]	UAS28 B26C9 W7E8 V116E28V85X9	.000	.000	25.000	.000	SPEE 4.4109 SCAL 1.000
[R02268]	UAS28 B52C9 W7E8 V116E28V85X9	.000	.000	25.000	.000	LREF 19.2703 SCAL 1.000
[R02274]	UAS28 B53C9 W7E8 V116E28V85X9	.000	.000	25.000	.000	BREF 37.9353 SCAL 1.000
[R02280]	UAS28 B53C9 W50F8 V116E28V95X9	.000	.000	25.000	.000	YREF 43.5911 SCAL 1.000
						ZREF 15.1813 SCAL 1.000
						SCALE .0400 SCAL 1.000

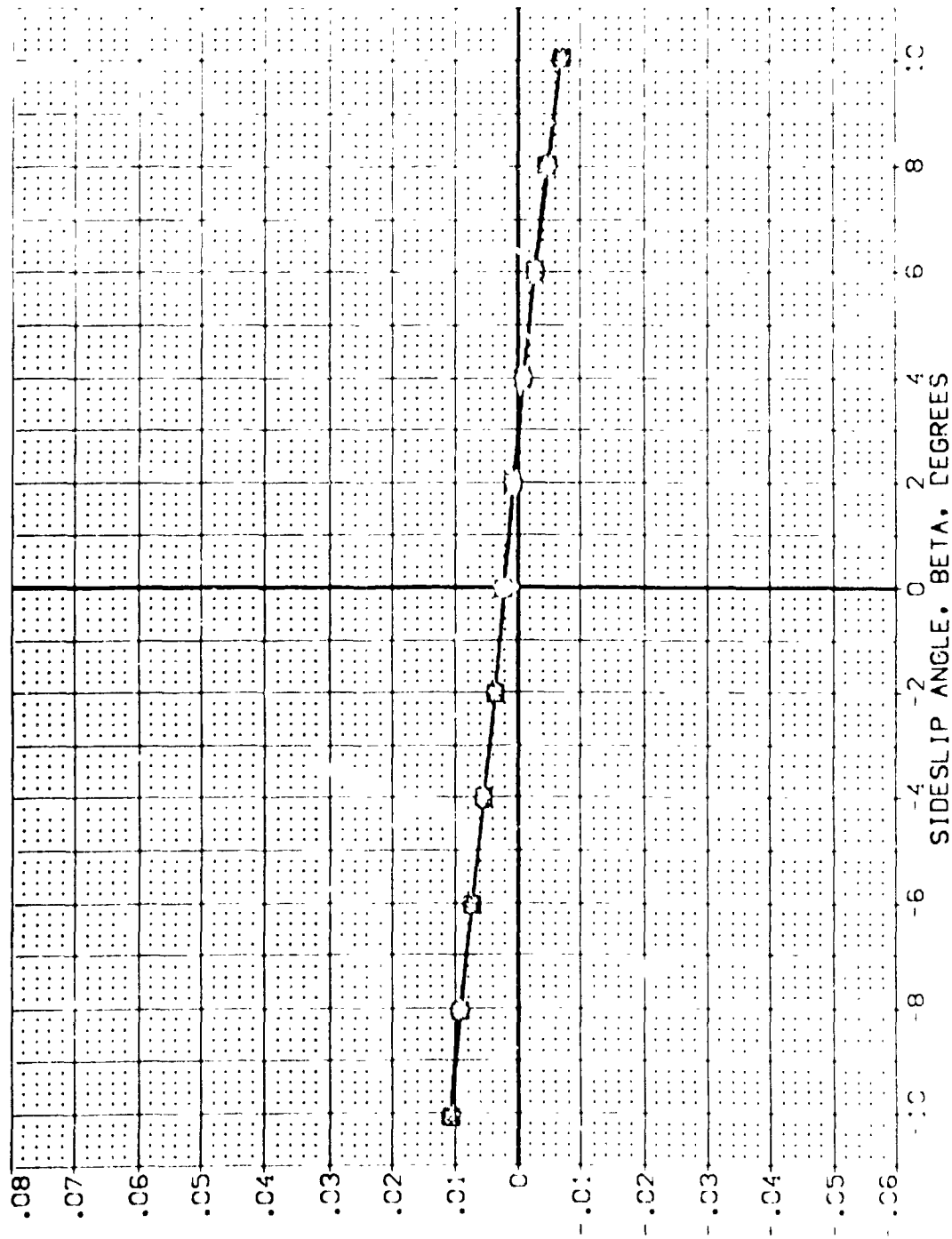


FIG 93 EFFECT OF CARGO BAY DOOR GAPS + HINGES + 0MS + V.T. GAPS-LAT. 0 ALPHA
 CAVAC = .20 PAGE 1126

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION	ALPHA	RJORDER	SPOBRK	ALTRON	REFERENCE INFORMATION
[RZ119]	CA628	85209	M7E8	V116E28/85209	.000	.000	SREF 4.119
[RZ168]	CA628	85209	M7E8	V116E28/85209	.000	.000	REF 19.2288
[RZ174]	CA628	85209	M7E8	V116E28/85209	.000	.000	EXP 37.9309
[RZ180]	CA628	85209	M7E8	V116E28/85209	.000	.000	X400 43.5874
					.000	.000	Y400 .000
					.000	.000	Z400 .000
					.000	.000	SCALE 15.1875
					.000	.000	SCALE .0405

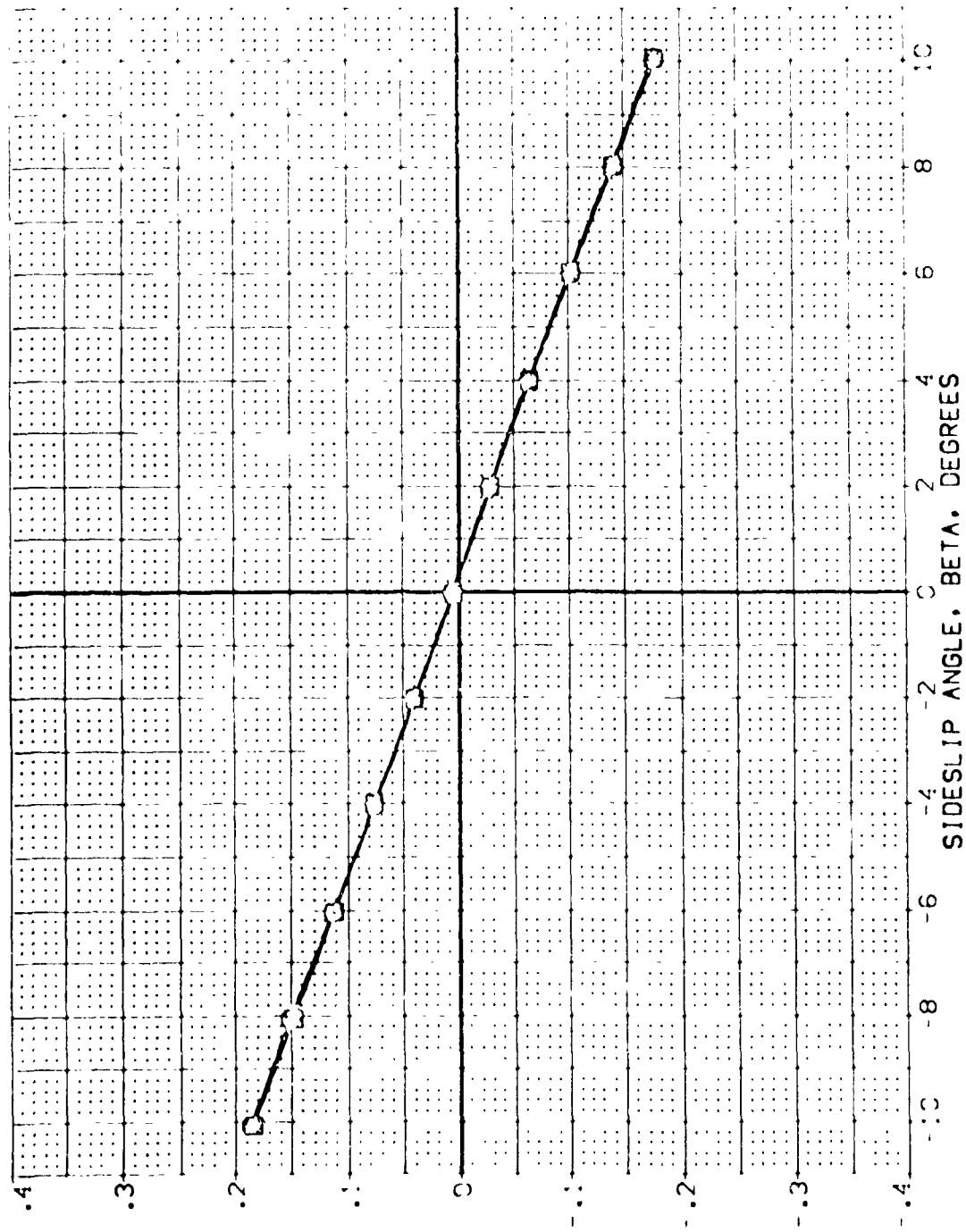


FIG 93 EFFECT OF CARGO BAY DOOR GAPS + HINGES + GMS + V.T. GAPS-LAT. 0 ALPHA

SIDE FORCE COEFFICIENT, CY

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

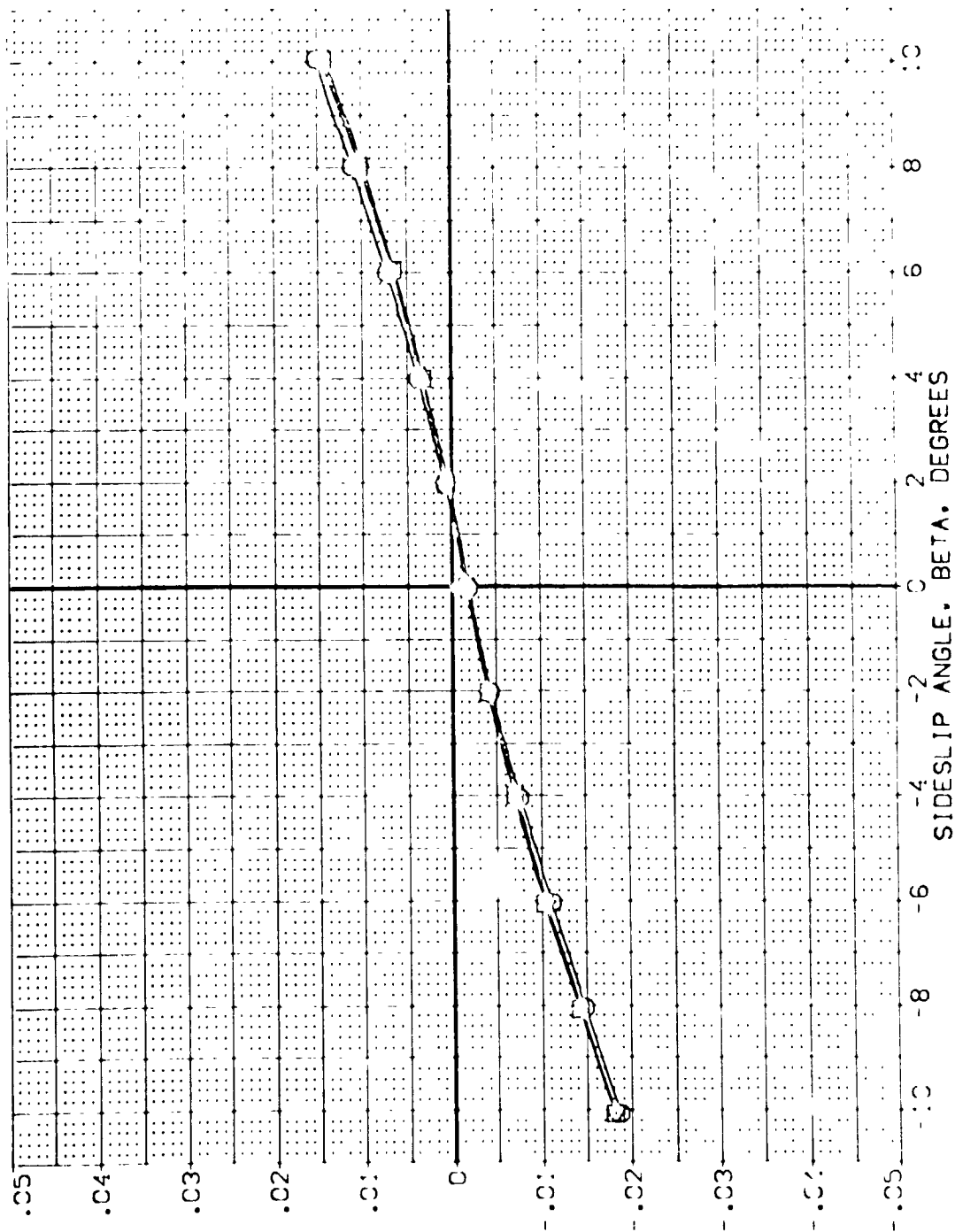


FIG 94 EFFECT OF CARGO BAY DOOR GAPS + HINGES + QMS + V.T. GAPS-LAT. 5 ALPHA

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PAGE :: 28

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDRBK	AIRLBN	REFERENCE INFORMATION
{RZ/2C}	CA628 B52C9 M7E8 V116E28V8PSX9	5.000	.000	25.000	.000	SREF 4.4119 SC.F. 5
{RZ/2G}	CA628 B52C9 M7E8 V116E28V8PSX9	5.000	.000	25.000	.000	LREF 19.2289 SC.F. 5
{RZ/27S}	CA628 B53C9 M7E8 V116E28V8PSX9	5.000	.000	25.000	.000	BREF 37.9359 SC.F. 5
{RZ/28}	CA628 B53C9 M50F8 V116E28V8PSX9	5.000	.000	25.000	.000	XREF 43.5974 SC.F. 5
						YREF .000 SC.F. 5
						ZREF 15.1875 SC.F. 5
						SCALE .0405 SC.F. 5

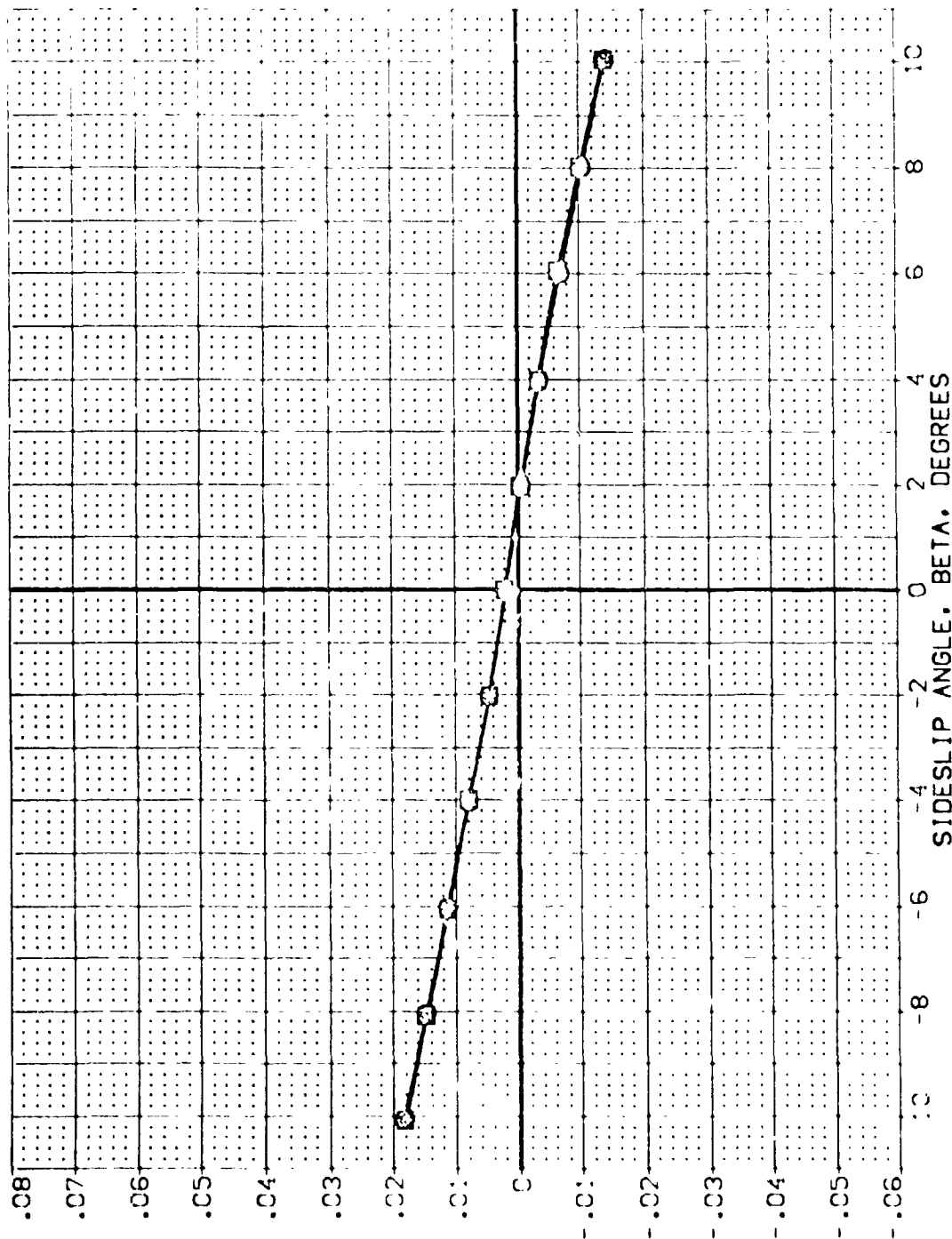


FIG 94 EFFECT OF CARGO BAY DOOR GAPS + HINGES + CMS + V.T. GAPS-LAT. 5 ALPHA

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AIRLIFT	REFERENCE INFORMATION
902720	CA628 B76C9 WTB V116E28/8P5X9	5.000	.000	25.000	.000	SREF 4.419 SCAL 1.000
902769	CA628 B76C9 WTB V116E28/8P5X9	5.000	.000	25.000	.000	BRF 19.749 SCAL 1.000
902775	CA628 B76C9 WTB V116E28/8P5X9	5.000	.000	25.000	.000	BRF 37.939 SCAL 1.000
902781	CA628 B76C9 WTB V116E28/8P5X9	5.000	.000	25.000	.000	YREF 43.594 SCAL 1.000
						YREF 15.185 SCAL 1.000
						SCALE

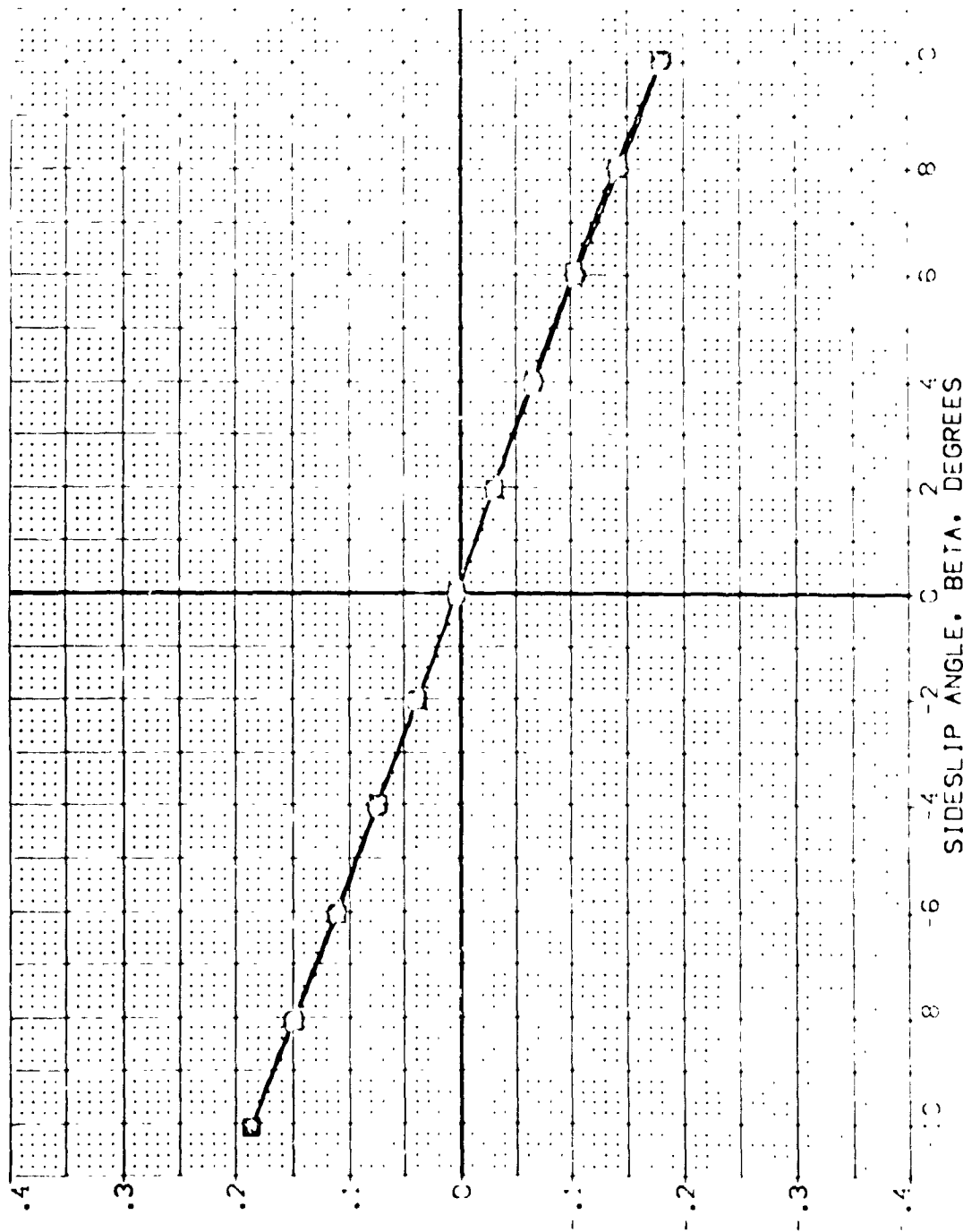


FIG 94 EFFECT OF CARGO BAY DOOR GAPS + HINGES + QMS + V.T. GAPS-LAT. 5 ALPHA
CA628 - .20 PAGE 1130

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	FLIGHT	SPDRK	ALPHA	REFERENCE INFORMATION
RCJ121	01628 876C9 W78 V 16E28/895X9	10.000	.000	25.000	.000	SPEF 4.1119 SCALE
RCJ177	01628 876C9 W78 V 16E28/895X9	10.000	.000	25.000	.000	REF 19.2293 SCALE
RCJ276	01628 876C9 W78 V 16E28/895X9	10.000	.000	25.000	.000	REF 37.9333 SCALE
RCJ287	01628 876C9 W508 V 16E28/895X9	10.000	.000	25.000	.000	XV20 43.5814 SCALE
						YV20 .0000 SCALE
						YV20 .0000 SCALE
						SCALE 15.875 SCALE

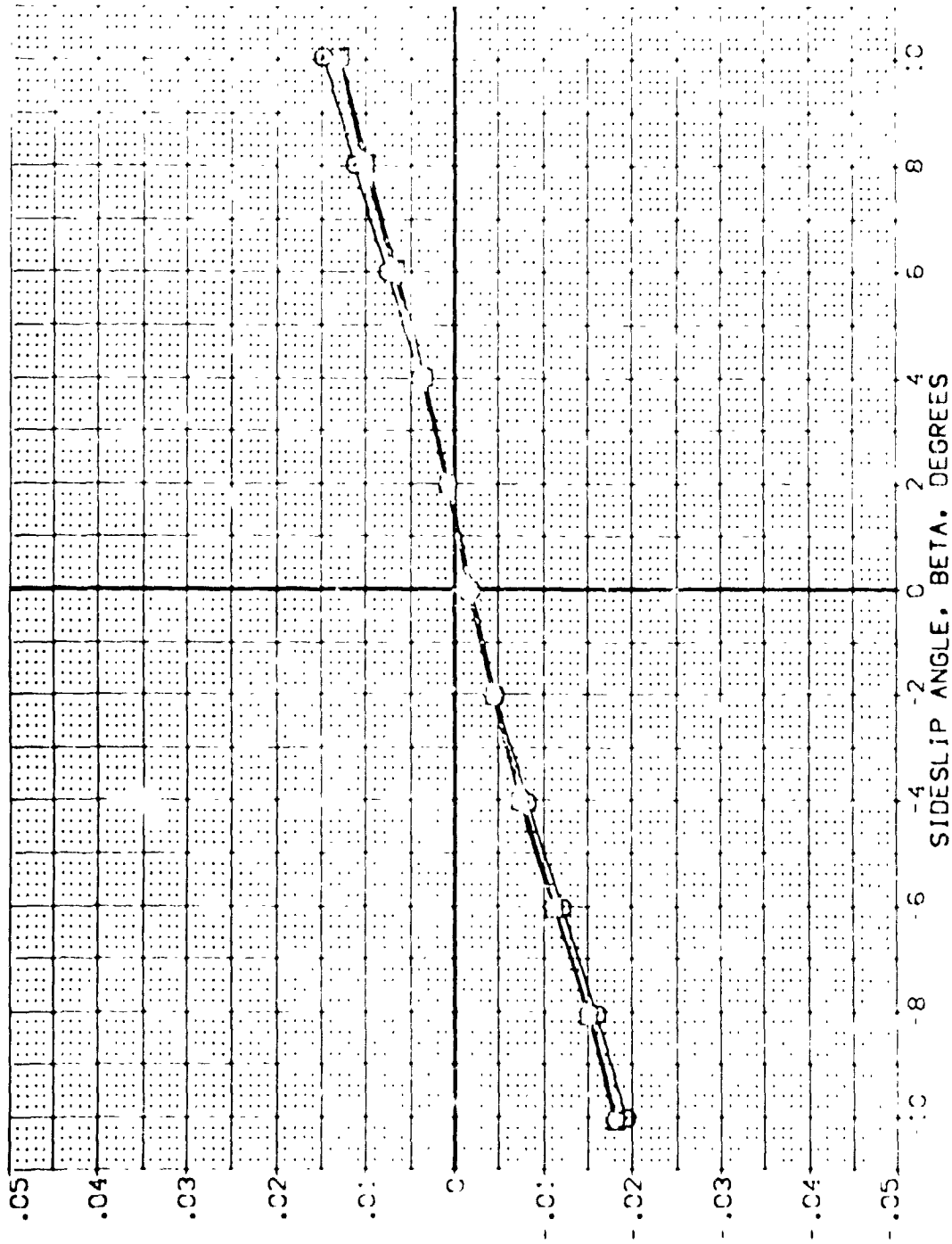


FIG 95 EFFECT OF CARGO BAY DOOR GAPS + HINGES + QMS + V.T. GAPS-LAT. 10 ALPHA

DATA SET	SYMBOL	CONF	DESCRIPTION	ALPHA	RUDER	SPEED	ALTITUDE	REFERENCE	IN DATA
01629	80609	W7E8	V: 6E28/895X9	0.000	.000	25.000	.000	4.4119	SC
01629	80609	W7E8	V: 6E28/895X9	0.000	.000	25.000	.000	9.2732	SC
01629	80609	W7E8	V: 6E28/895X9	0.000	.000	25.000	.000	37.9339	SC
01629	80609	W7E8	V: 6E28/895X9	0.000	.000	25.000	.000	43.5974	SC
01629	80609	W7E8	V: 6E28/895X9	0.000	.000	25.000	.000	15.1825	SC
01629	80609	W7E8	V: 6E28/895X9	0.000	.000	25.000	.000	15.1825	SC

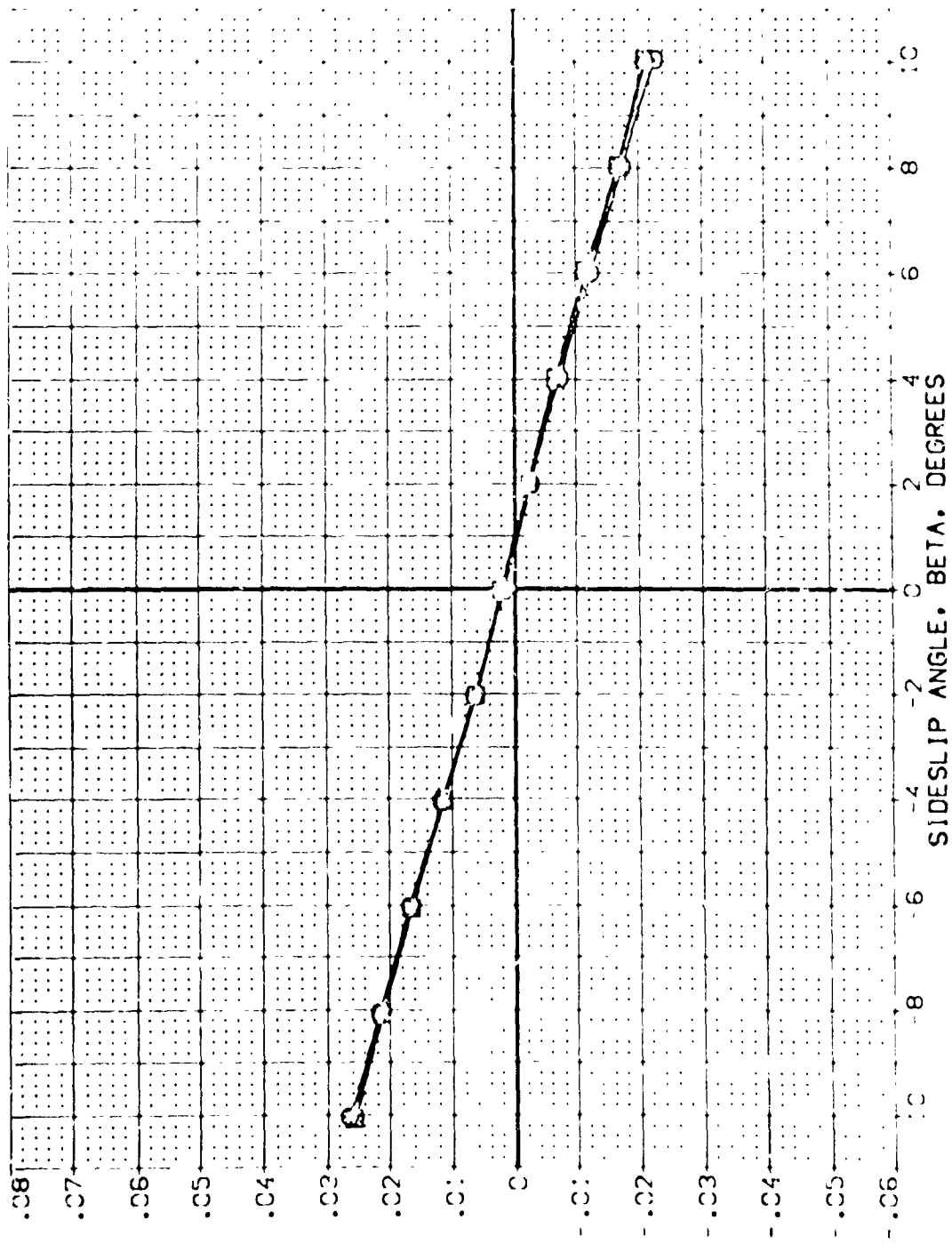


FIG 95 EFFECT OF CARGO BAY DOOR GAPS + HINGES + 0MS + V.T. GAPS-LAT. 10 ALPHA

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AILRON	REFERENCE INFORMATION
[R02121]	Q	10.000	.000	25.000	.000	SREF 4.4119 SC.F.T.
[R02270]	CA628 B26C9 M7F8 V116E28V895X9	10.000	.000	25.000	.000	UREF 19.2296 SC.F.T.
[R02276]	CA628 B53C9 M7F8 V116E28V895X9	10.000	.000	25.000	.000	BREF 37.9335 SC.F.T.
[R02282]	CA628 B53C9 M50F8 V116E28V955X9	10.000	.000	25.000	.000	XMRD 43.5974 SC.F.T.
						ZMRD .0000 SC.F.T.
						SCALE 15.1875 SC.F.T.

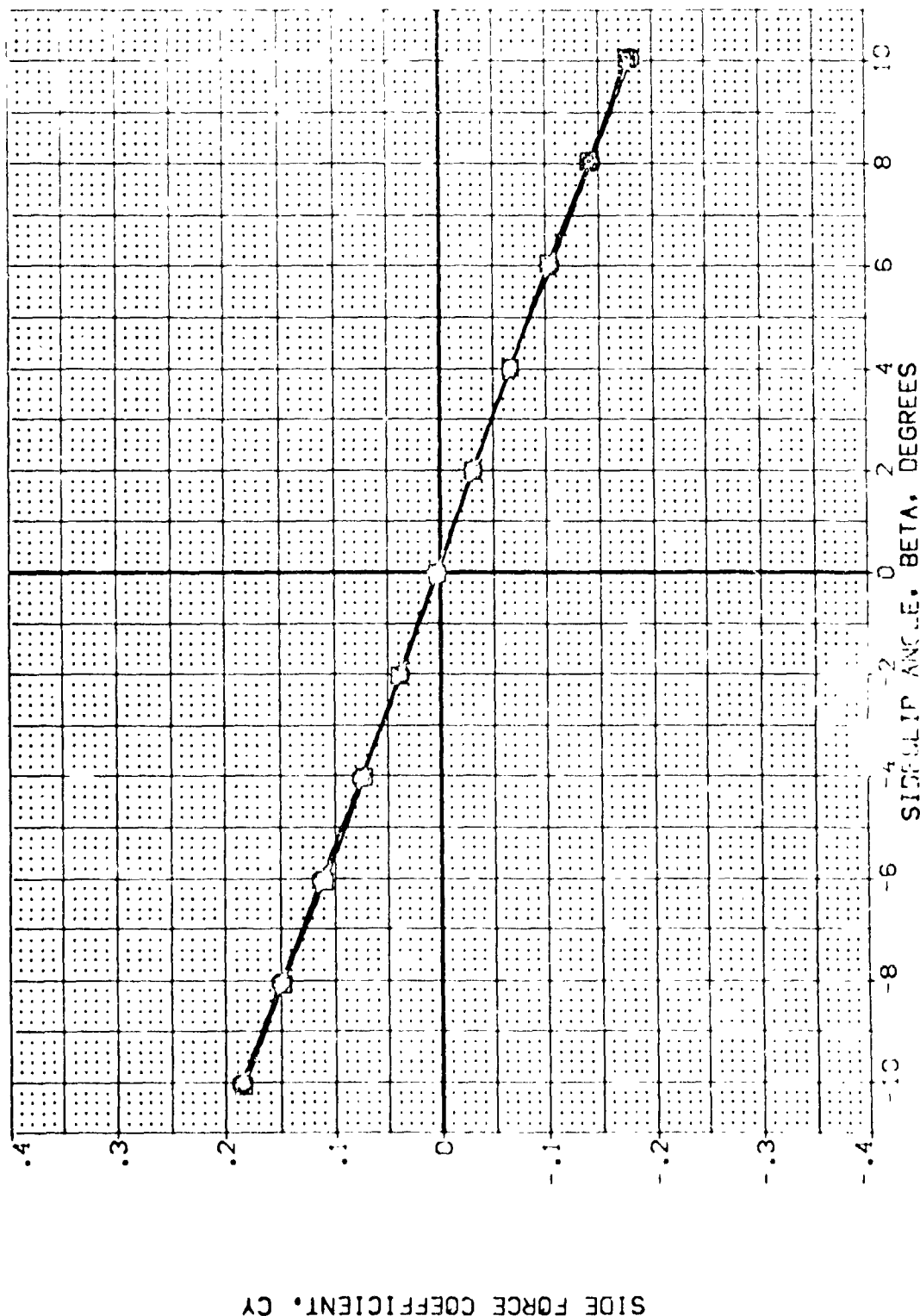


FIG 95 EFFECT OF CARGO BAY DOOR GAPS + HINGE, 0MS + V.T. GAPS-LAT. 10 ALPHA

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	ALPHA ON	SCALE	REFERENCE INFORMATION
02177	01628 80609 W7E8 V 15E28.8PSX9	5.000	.000	25.000	.000	SCALE	4.419
02177	01628 80609 W7E8 V 15E28.8PSX9	5.000	.000	25.000	.000	SCALE	19.200
02177	01628 80609 W7E8 V 15E28.8PSX3	5.000	.000	25.000	.000	SCALE	37.934
02178	01628 80609 W50F8 V 15E28.8PSX9	5.000	.000	25.000	.000	SCALE	43.554
02178	01628 80609 W50F8 V 15E28.8PSX9	5.000	.000	25.000	.000	SCALE	15.185
02178	01628 80609 W50F8 V 15E28.8PSX9	5.000	.000	25.000	.000	SCALE	15.185

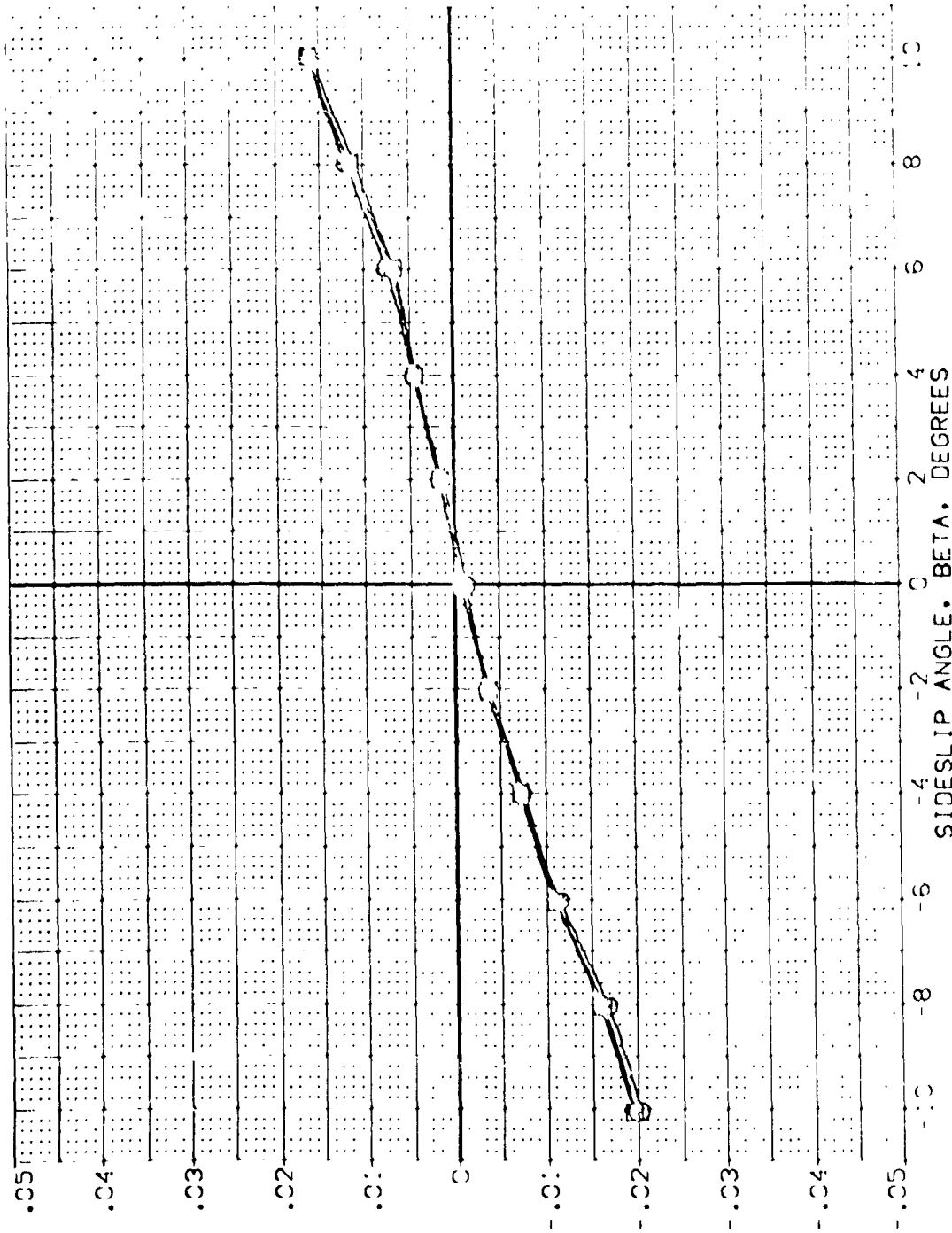


FIG 96 EFFECT OF CARGO BAY DOOR GAPS + HINGES + GMS + V.T. GAPS-LAT. 15 ALPHA
PAGE 1134

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDRBK	A'LBON	REFERENCE INFORMATION
(PZ122)	DA628 B26C9 M7F8 V116E28/895X9	15.000	.000	25.000	.000	SRF 4.4119 SQ.F.
(PZ127)	DA628 B53C9 M7F8 V116E28/895X9	15.000	.000	25.000	.000	PR 19.2289 NGES
(PZ127)	DA628 B53C9 M7F8 V116E28/895X9	15.000	.000	25.000	.000	BR 37.9359 NGES
(PZ128)	DA628 B53C9 M50F8 V116E28/895X9	15.000	.000	25.000	.000	YMR 43.5974 NGES
						ZMR .0000 NGES
						SCALE 15.1875 SCALE

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

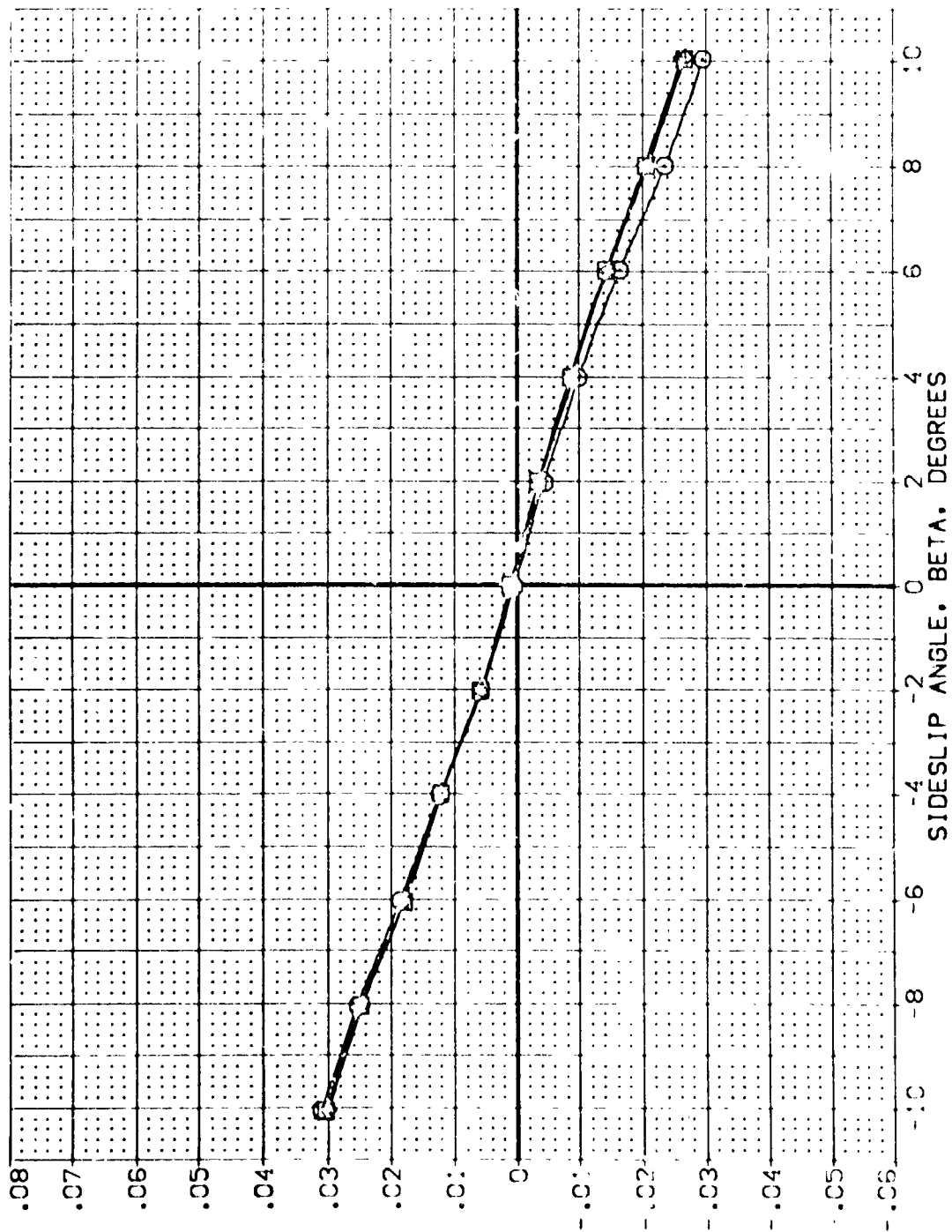


FIG 96 EFFECT OF CARGO BAY DOOR GAPS + HINGES + RMS + V.T. GAPS-LAT. 15 ALPHA

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AILRON	REFERENCE INFORMATION
[RZ123]	01628 826C9 W7E8 V116E28/8P5X9	20.000	.000	25.000	.000	SACF 4.4119
[RZ127]	01628 852C9 W7E8 V116E28/8P5X9	20.000	.000	25.000	.000	DXF 9.2299
[RZ127B]	01628 853C9 W7E8 V116E28/8P5X9	20.000	.000	25.000	.000	EXF 37.9369
[RZ128]	01628 853C9 W5OF8 V116E28/8P5X9	20.000	.000	25.000	.000	YAPD 43.5874
						ZAPD .0000
						SCALE 15.1875
						SCALE .0405

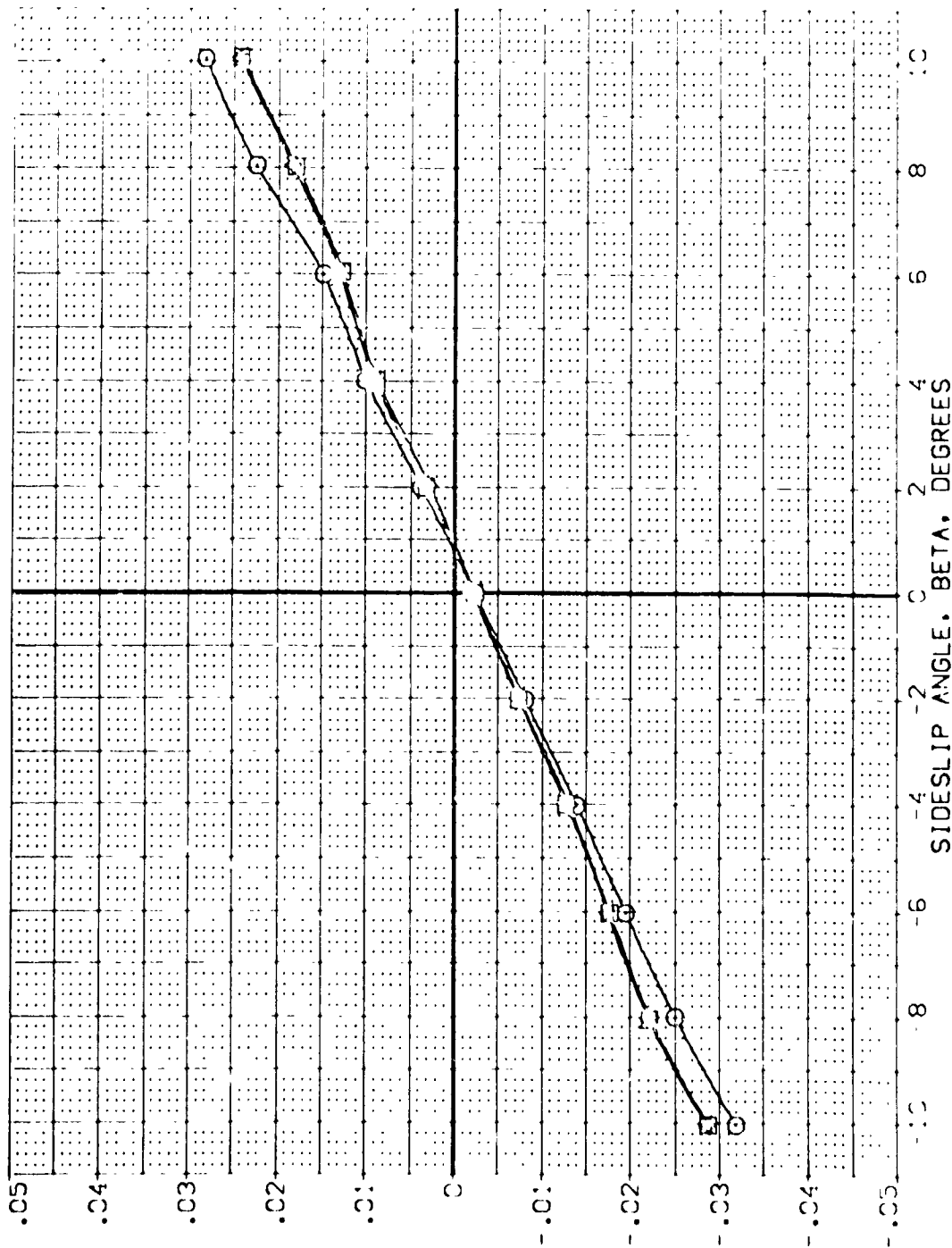


FIG 97 EFFECT OF CARGO BAY DOOR GAPS + HINGES + QMS + V.T. GAPS-LAT. 20 ALPHA

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOILER	AILERON	REFERENCE INFORMATION
[PCZ173]	CA628 B26C9 W7:8 V116E28V85X9	20.000	.000	25.000	.000	SREF 4.4119 SCAL 1.000
[PCZ172]	CA628 B52C9 W7:8 V116E28V85X9	20.000	.000	25.000	.000	BREF 19.7299 SCAL 1.000
[PCZ178]	CA628 B53C9 W7:8 V116E28V85X9	20.000	.000	25.000	.000	XREF 37.9359 SCAL 1.000
[PCZ184]	CA628 B53C9 W50F8 V116E28V95X9	20.000	.000	25.000	.000	YREF 43.5974 SCAL 1.000
						ZREF 15.9875 SCAL 1.000
						SCALE .0475 SCAL 1.000

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

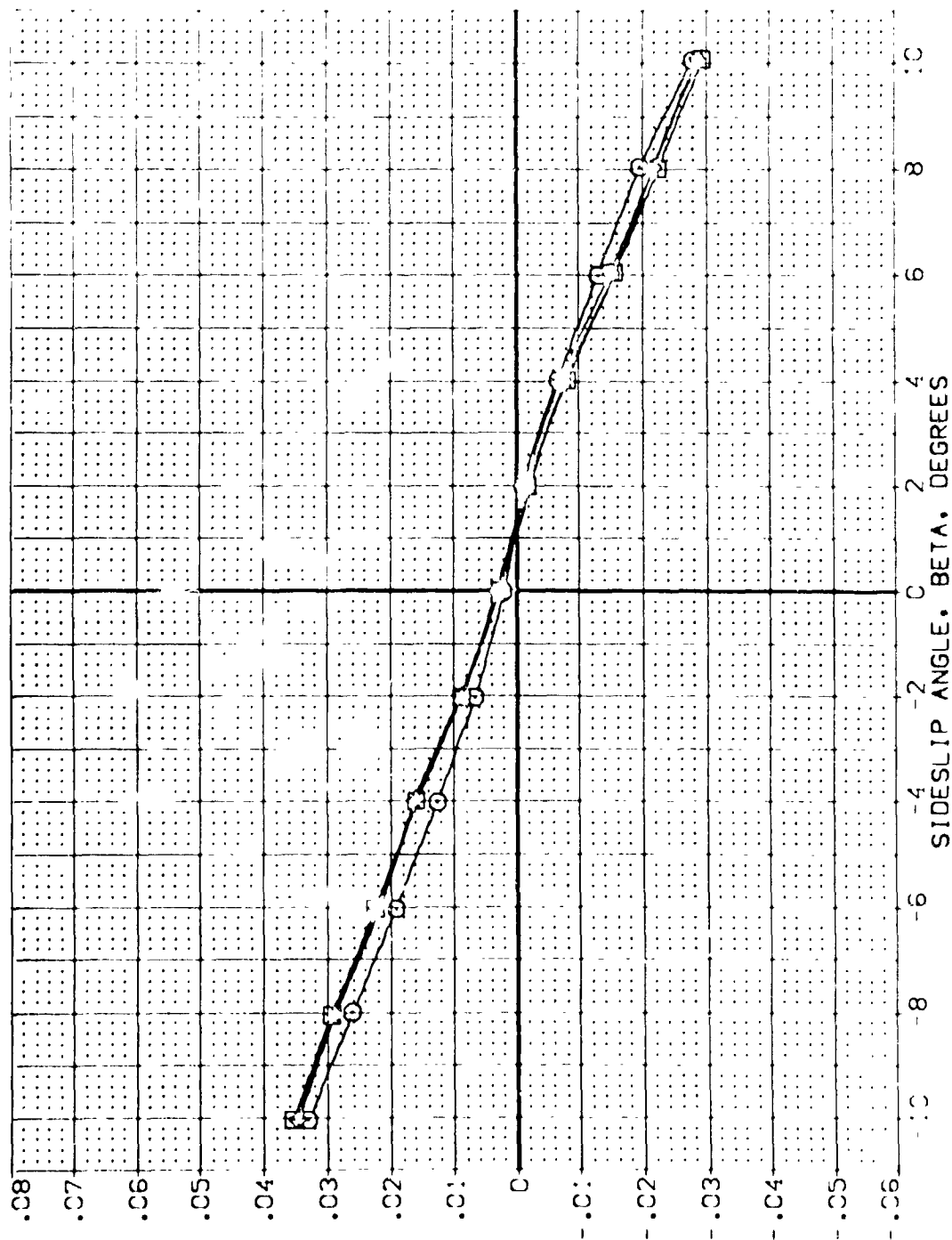


FIG 97 EFFECT OF CARGO BAY DOOR GAPS + HINGES + 0MS + V.T. GAPS-LAT. 2C ALPHA

DATA SET SYMBO	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPDBRK	AILTRON	REFERENCE INFORMATION
[PCZ123]	Q CA628 B06C9 MTF8 V116E28V8R5X9	20.000	.000	25.000	.000	SREF 4.4119 SCALARS
[PCZ177]	Q CA628 B57C9 MTF8 V116E28V8R5X9	20.000	.000	25.000	.000	UREF 19.2799 SCALARS
[PCZ178]	Q CA628 B53C9 MTF8 V116E28V8R5X9	20.000	.000	25.000	.000	BREF 37.9359 SCALARS
[PCZ284]	Q CA628 B53C9 M5OF8 V116E28V9R5X9	20.000	.000	25.000	.000	XREF 43.5914 SCALARS
						YREF .0000 SCALARS
						ZREF 15.1875 SCALARS
						SCALE .0005

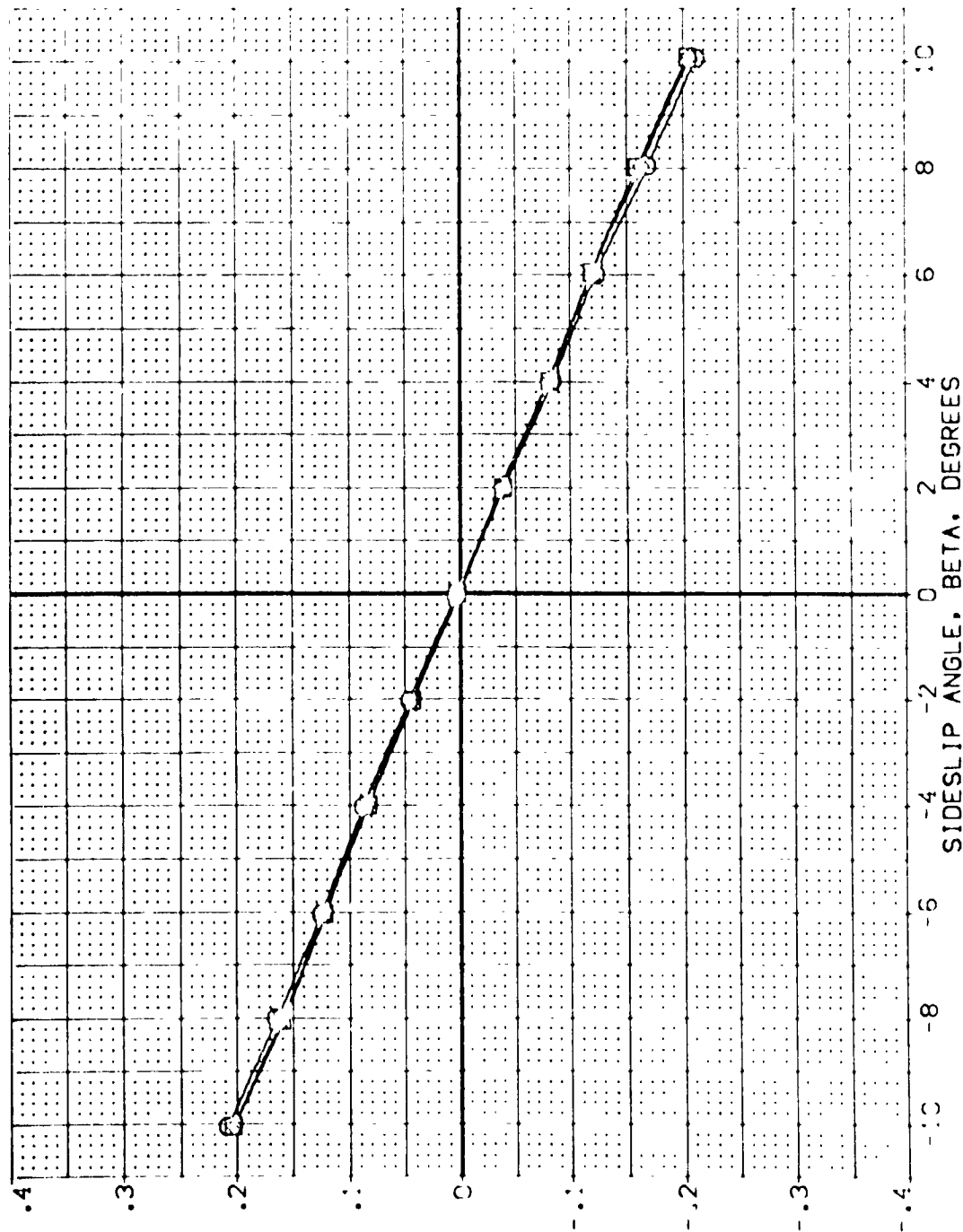


FIG 97 EFFECT OF CARGO BAY DOOR GAPS + HINGES + 0MS + V.T. GAPS-LAT. 20 ALPHA
 CA2VAC - .2C PAGE 139

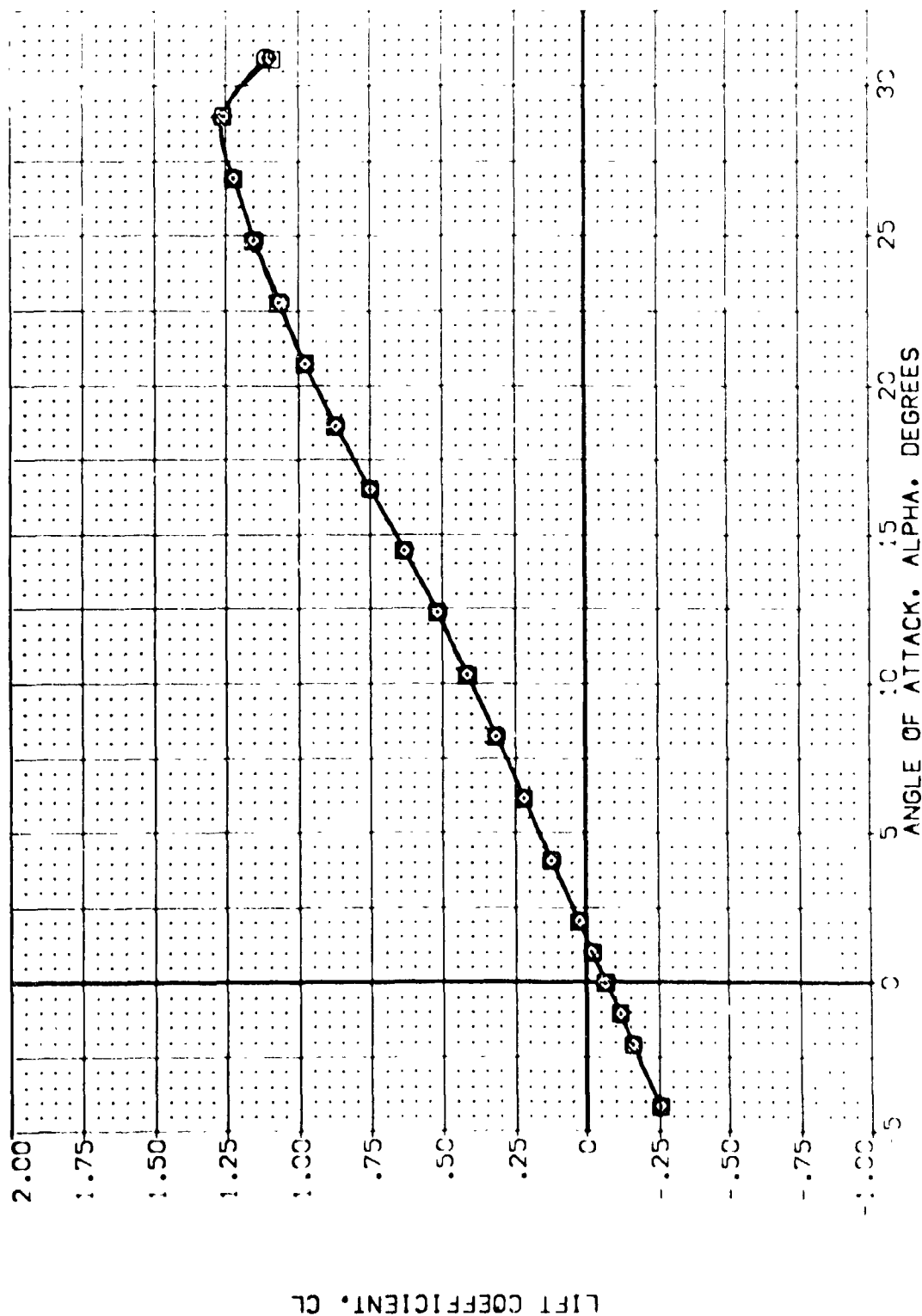
[illegible]

FIG 98 EFFECT OF CMS + VERT. TAIL GAPS ONLY ON LONG. STAB..25 FLARE. 0 ELEVON

CA; VAC = .23

07:11 PAGE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BDF LAP	RUDDER	REFERENCE INFORMATION
(B07240)	Q1628 B76C9 M7F8 V116E28V8R5X9	.000	25.000	-12.000	.000	SRF 4.4119 SCALING
(B07285)	Q1628 B76C9 M5OF8 V116E28V8R5X9	.000	25.000	-12.000	.000	LRF 19.2799 SCALING
(B07291)	Q1628 B76C9 M7F8 V116E28V8R5X9	.000	25.000	-12.000	.000	SRF 37.9359 SCALING
						XMRP 43.5874 SCALING
						YMRP .0000 SCALING
						ZMRP 15.1875 SCALING
						SCALE .0405

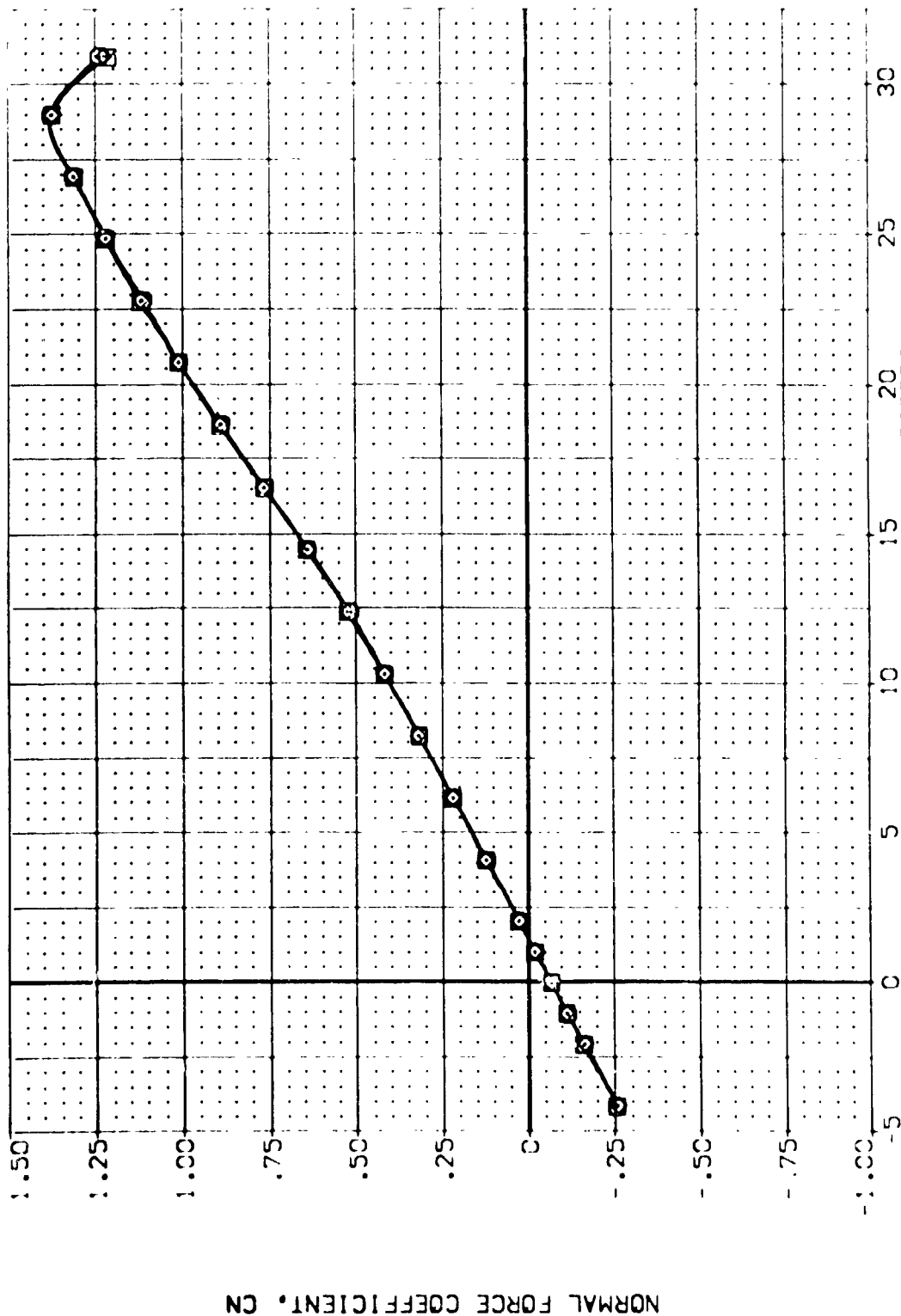


FIG 98 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LONG. STAB., 25 FLARE, 0 ELEVON

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 {802240} □ 04628 B26C9 M7E8 V11E28/895X9
 {802285} ◇ 04628 B26C9 M50F8 V11E28/895X9
 {802291} ◇ 04628 B26C9 M7E8 V11E28/895X9

ELEVON SPOORR BOFLAP RJODDER
 .000 25.000 -12.000 .000
 .000 25.000 -12.000 .000
 .000 25.000 -12.000 .000

REFERENCE INFORMATION
 SPREF 4.419 SCALE \$
 REF 9.2799 \$
 BRP 37.9359 \$
 X200 43.5974 \$
 Y200 .0000 \$
 Z200 .0000 \$
 SCALE 15.1875 \$
 .0400 \$

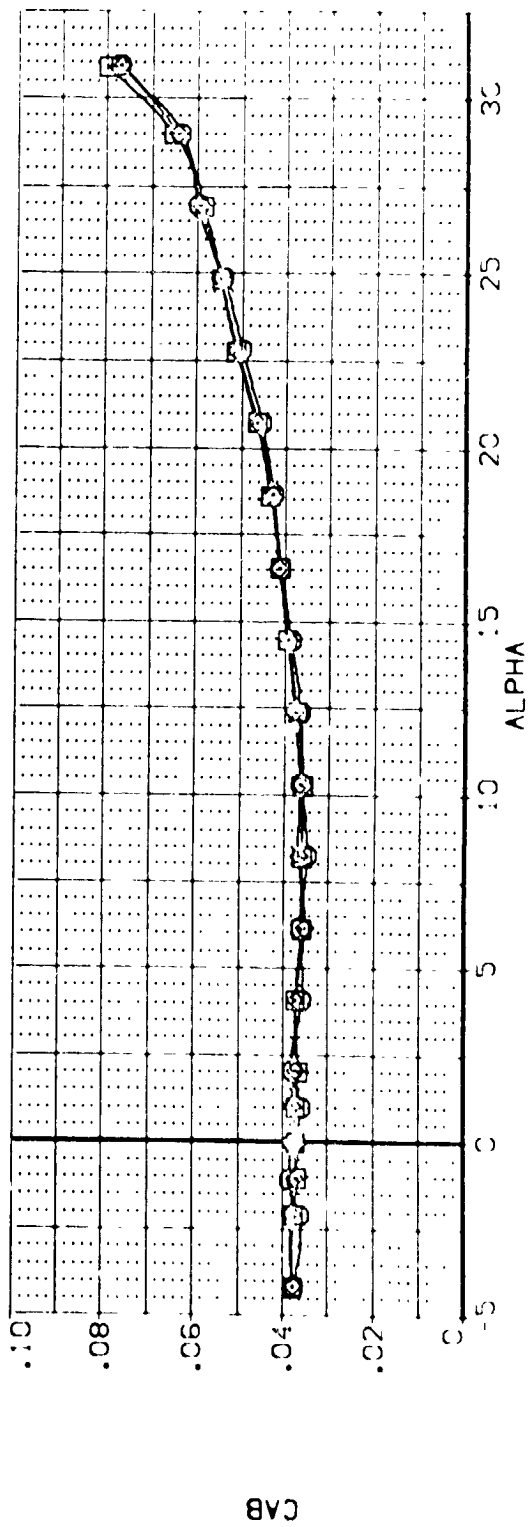
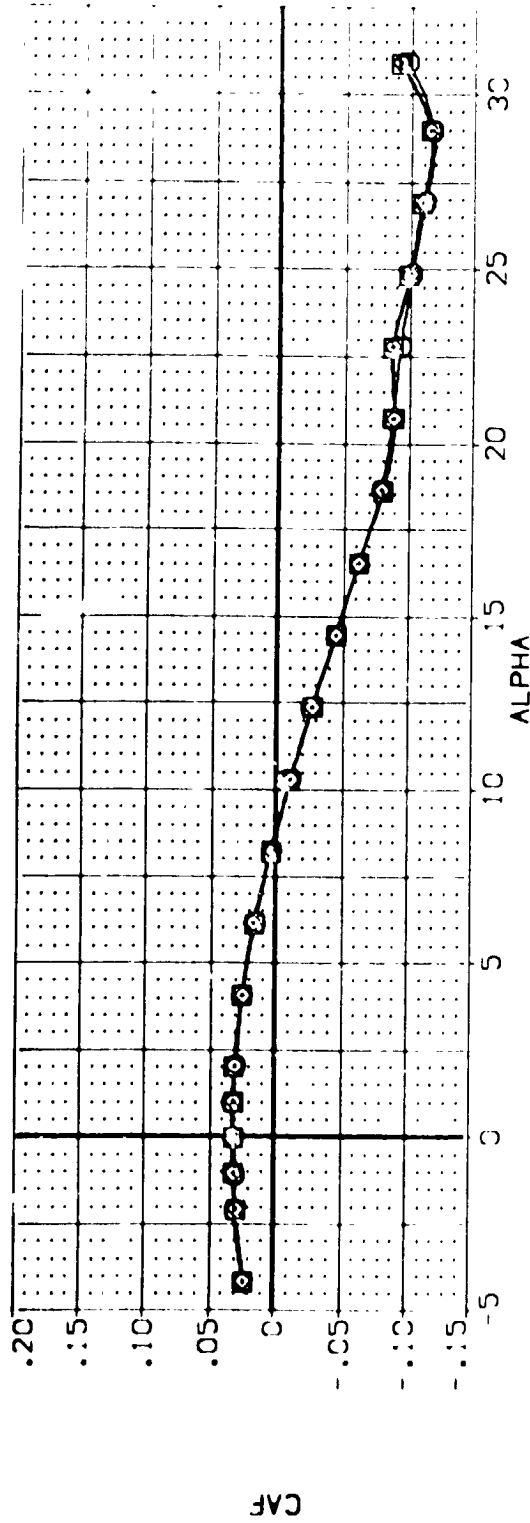


FIG 98 EFFECT OF OMS + VERT. TAIL GAPS ONLY ON LONG. STAB. 25 FLARE. 0 ELEVON
 (A) MAC - .20 PAGE 1:42

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOBRK	BOFLAP	RUDDER	REFERENCE INFORMATION
(8027240)	3A628 B26C9 M7F8 V116E28V85X9	.000	25.000	-12.000	.000	SREF 4.4119 SCALE
(8027265)	0A628 B26C9 M50F8 V116E28V85X9	.000	25.000	-12.000	.000	LREF 19.2709 SCALE
(8027291)	0A628 B26C9 M7F8 V116E28V85X9	.000	25.000	-12.000	.000	BREF 37.9359 SCALE
						VREF 43.5974 SCALE
						ZREF .0000 SCALE
						ZMRP 15.1875 SCALE
						SCALE .0425

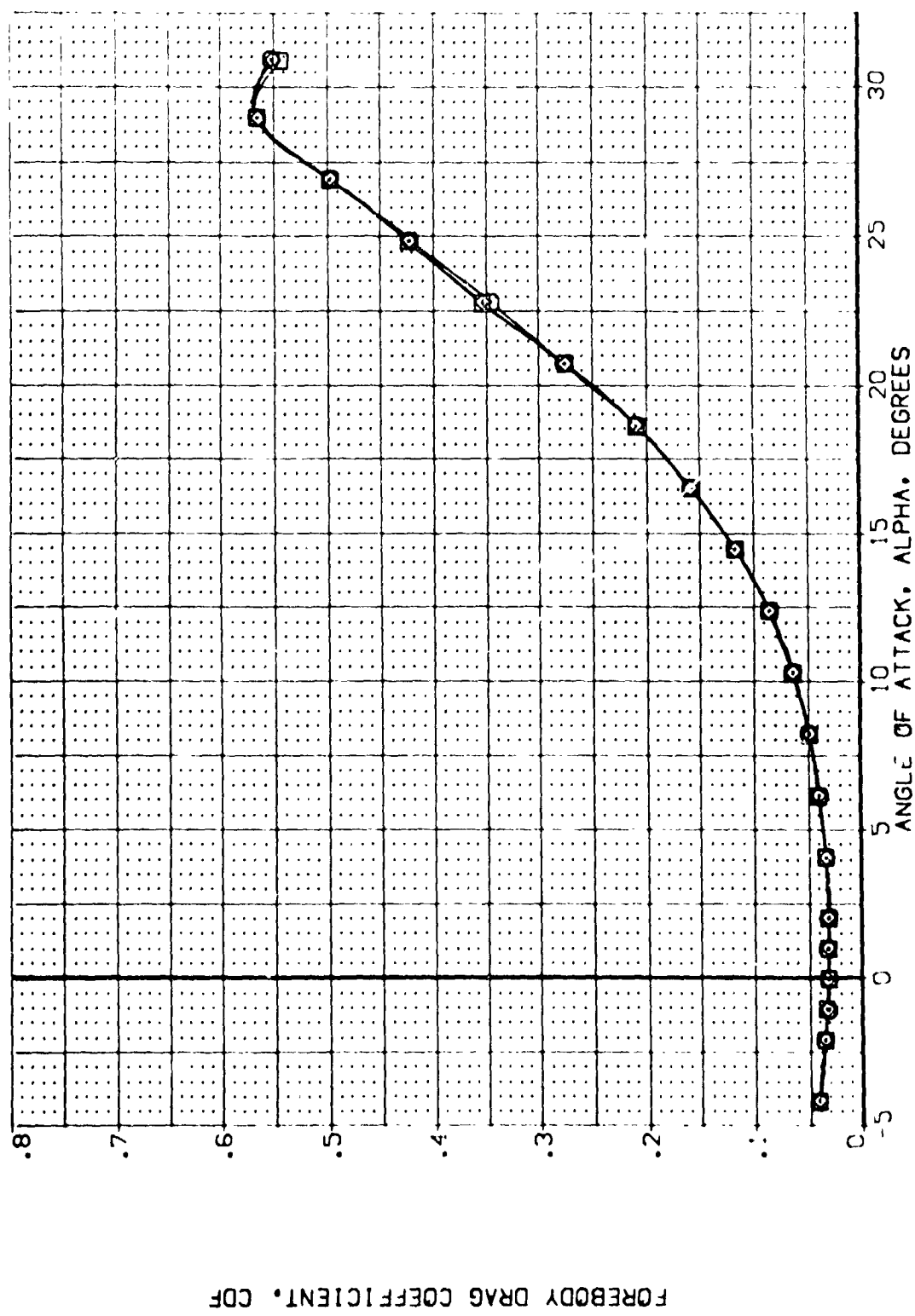


FIG 98 EFFECT OF OMS + VERT. TAIL GAPS ONLY ON LONG. STAB., 25 FLARE, 0 ELEVON
 (A)MACH = .20 PAGE 1143

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BDX LAP	RUDER	REFERENCE	IN OPERA TION
(BC7243)	CA528 876C9 WTR 8 V116E28/885X9	.000	25.000	-12.000	.000	SCALE	SCALE
(BC7265)	CA628 876C9 WTR 8 V116E28/885X9	.000	25.000	-12.000	.000	REF	REF
(BC7281)	CA628 876C9 WTR 8 V116E28/885X9	.000	25.000	-12.000	.000	BRK	BRK
						XPR	XPR
						YPR	YPR
						ZPR	ZPR
						SCALE	SCALE

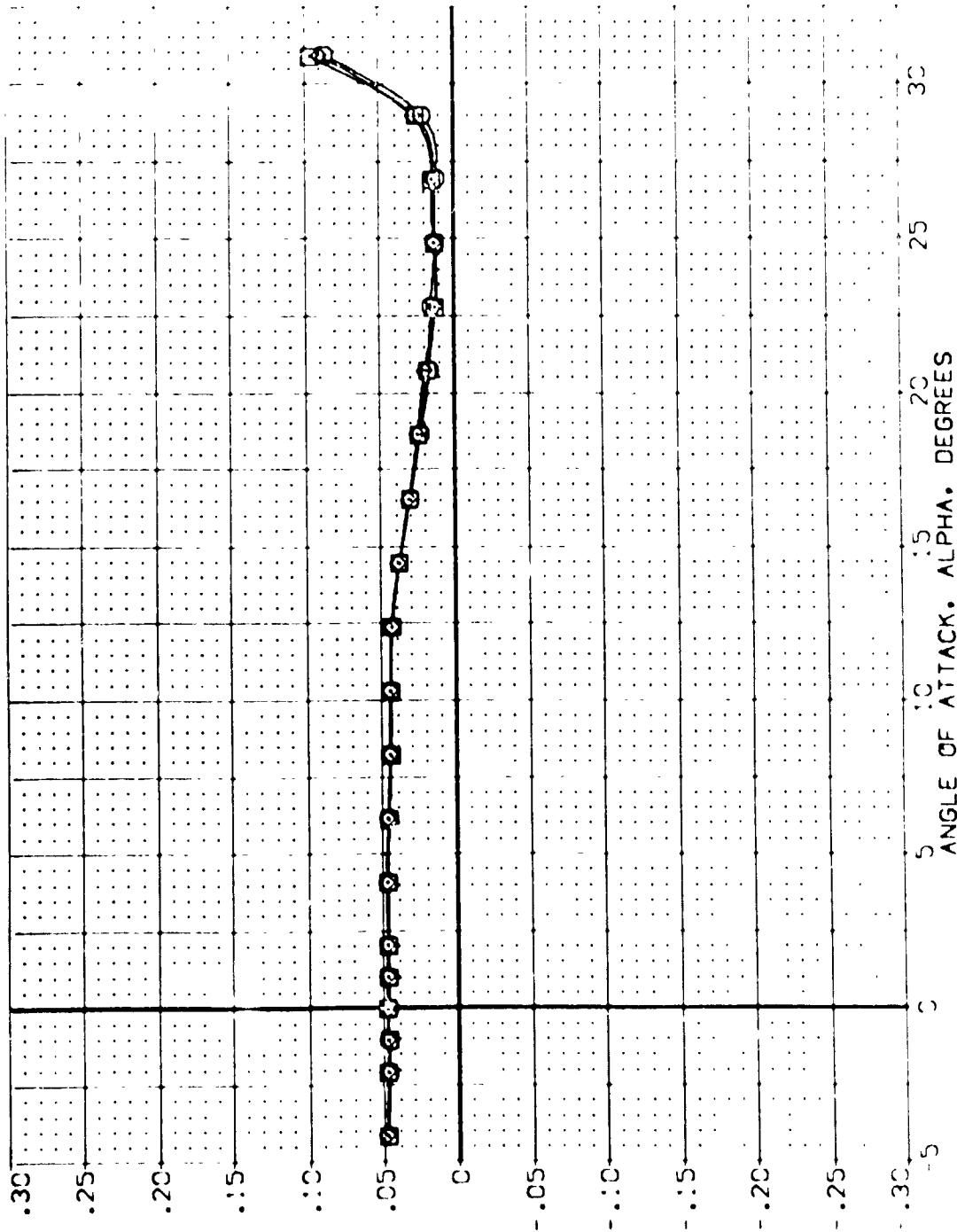


FIG 98 EFFECT OF OMS + VERT. TAIL GAPS ONLY ON LONG. STAB..25 FLARE, O ELEVON

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 [B07240] [0] 04628 B76C9 M7X8 V11628/85X9
 [B07285] [0] 04628 B76C9 M50F8 V11628/85X9
 [B07291] [0] 04628 B76C9 M7X8 V11628/85X9

ELEVON SPDBRM BDF LAP RMODER REFERENCE INFORMATION
 .000 25.000 -12.000 .000 4.419
 .000 25.000 -12.000 .000 19.2099
 .000 25.000 -12.000 .000 37.9309
 .000 25.000 -12.000 .000 43.3554
 .000 25.000 -12.000 .000 15.1875
 .000 25.000 -12.000 .000 10.75

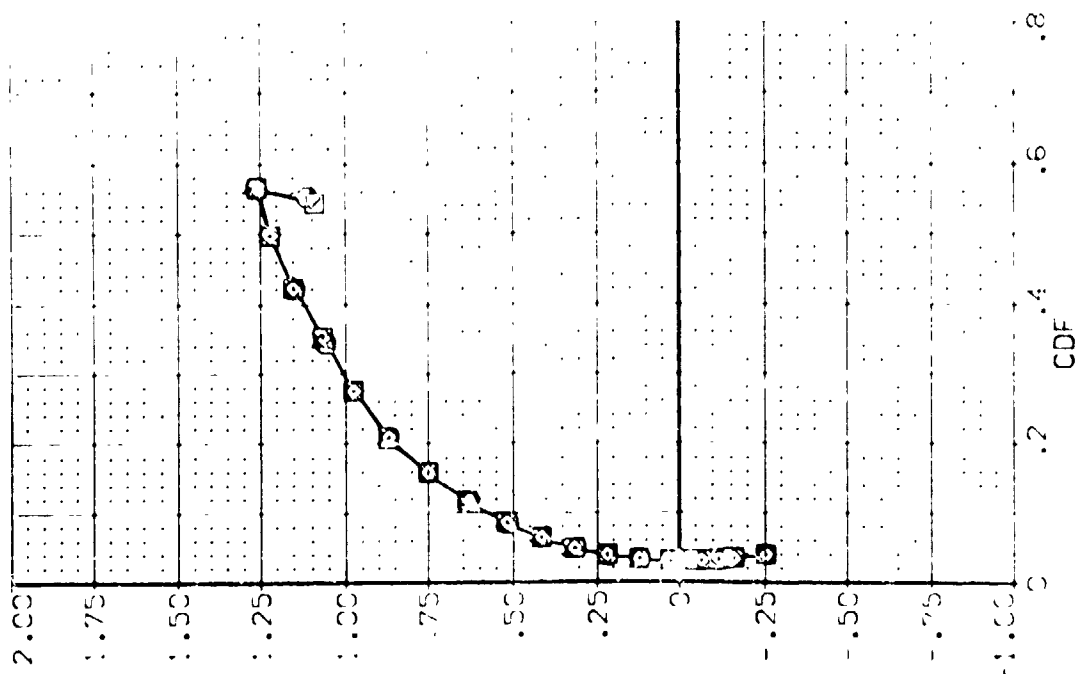
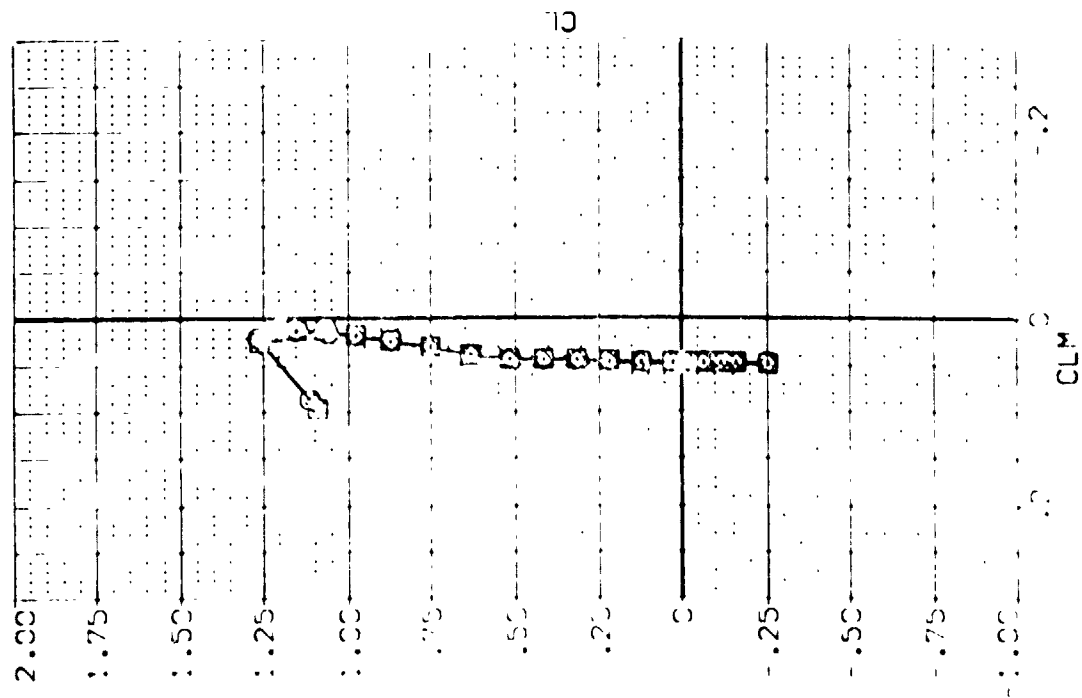


FIG 98 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LONG. STAB., 25 FLARE, 0 ELEVON
 CADMAC 0.00

LONGITUDINAL CENTER OF PRESSURE, XCP/L

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	FLEVEN	SPRBRK	BOFLAP	PLCDR	REFERENCE INFORMATION
BD724C	04629 B76C9 W18 V116728/89519	.000	25.000	-12.000	.000	4.4119 SC
BT7285	04629 B76C9 W18 V116728/89519	.000	25.000	-12.000	.000	19.1099 SC
BL729	04629 B76C9 W18 V116728/89519	.000	25.000	-12.000	.000	37.0322 SC
						43.1574 SC
						1400 SC
						1400 SC
						15.187 SC
						15.187 SC

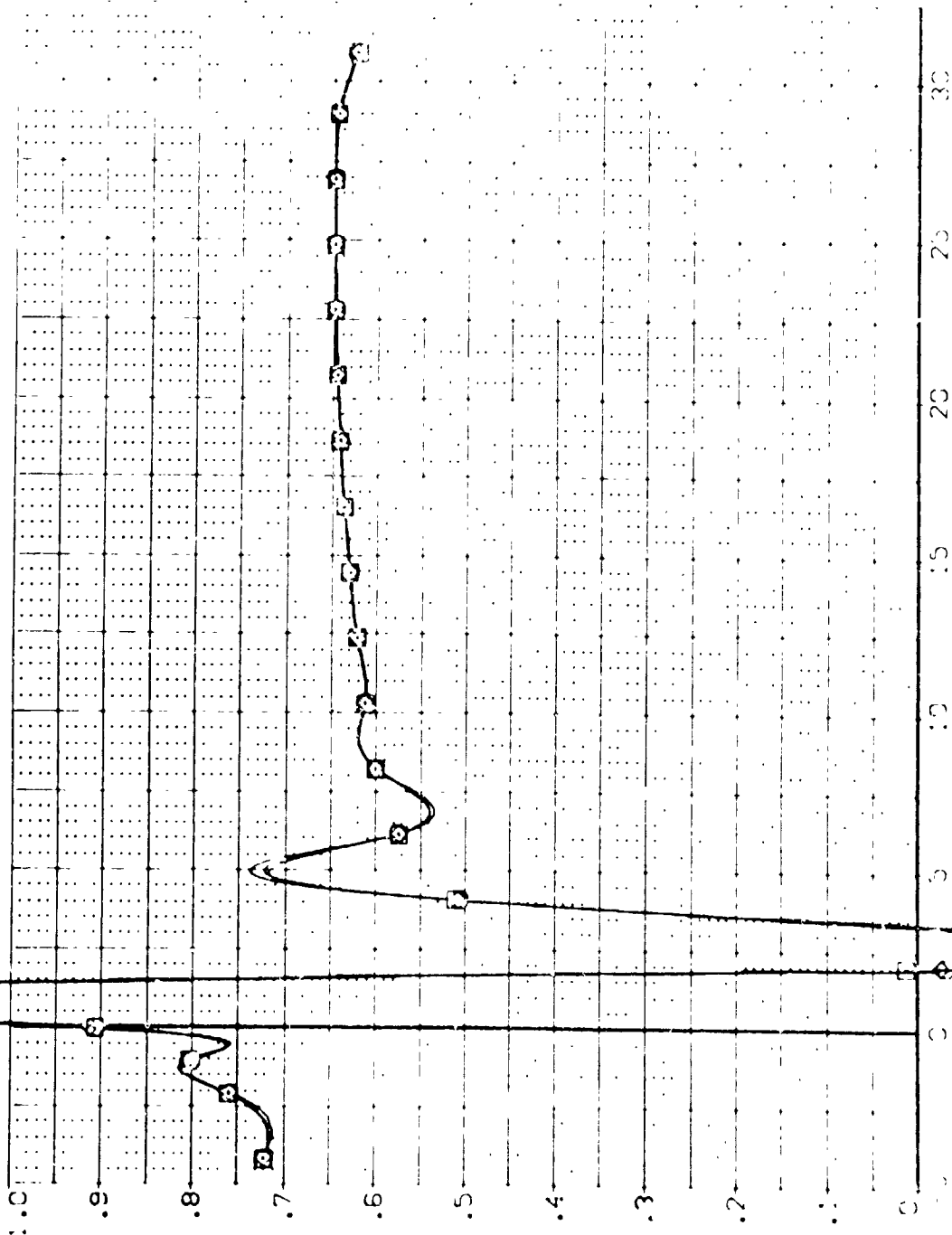


FIG 98 EFFECT OF α_m + VERT. TAIL GAPS ONLY ON LONG. STAB., 25 FLARE, 0 ELEVON

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BOFLAP	RJODER	REFERENCE INFORMATION
1807240	M7F8 V116E28V8F5X9	.000	25.000	-12.000	.000	SREF 4.419 SC.F. 50.0
1807285	M7F8 V116E28V8F5X9	.000	25.000	-12.000	.000	LREF 9.2299 SC.F. 50.0
1807291	M7F8 V116E28V8F5X9	.000	25.000	-12.000	.000	BREF 37.9359 SC.F. 50.0
						YREF 43.5974 SC.F. 50.0
						ZREF .000 SC.F. 50.0
						SCALE 15.1875 SC.F. 50.0

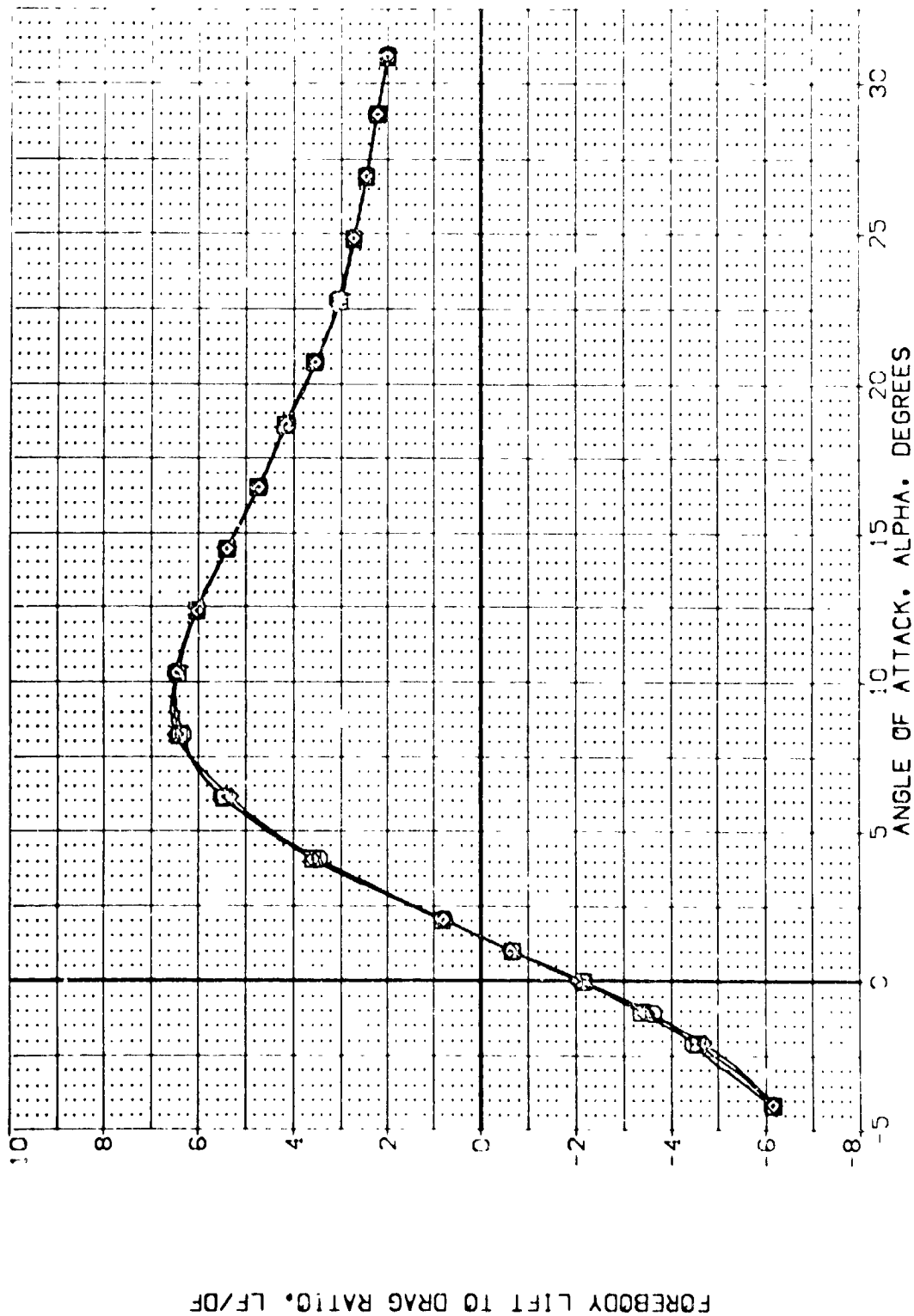
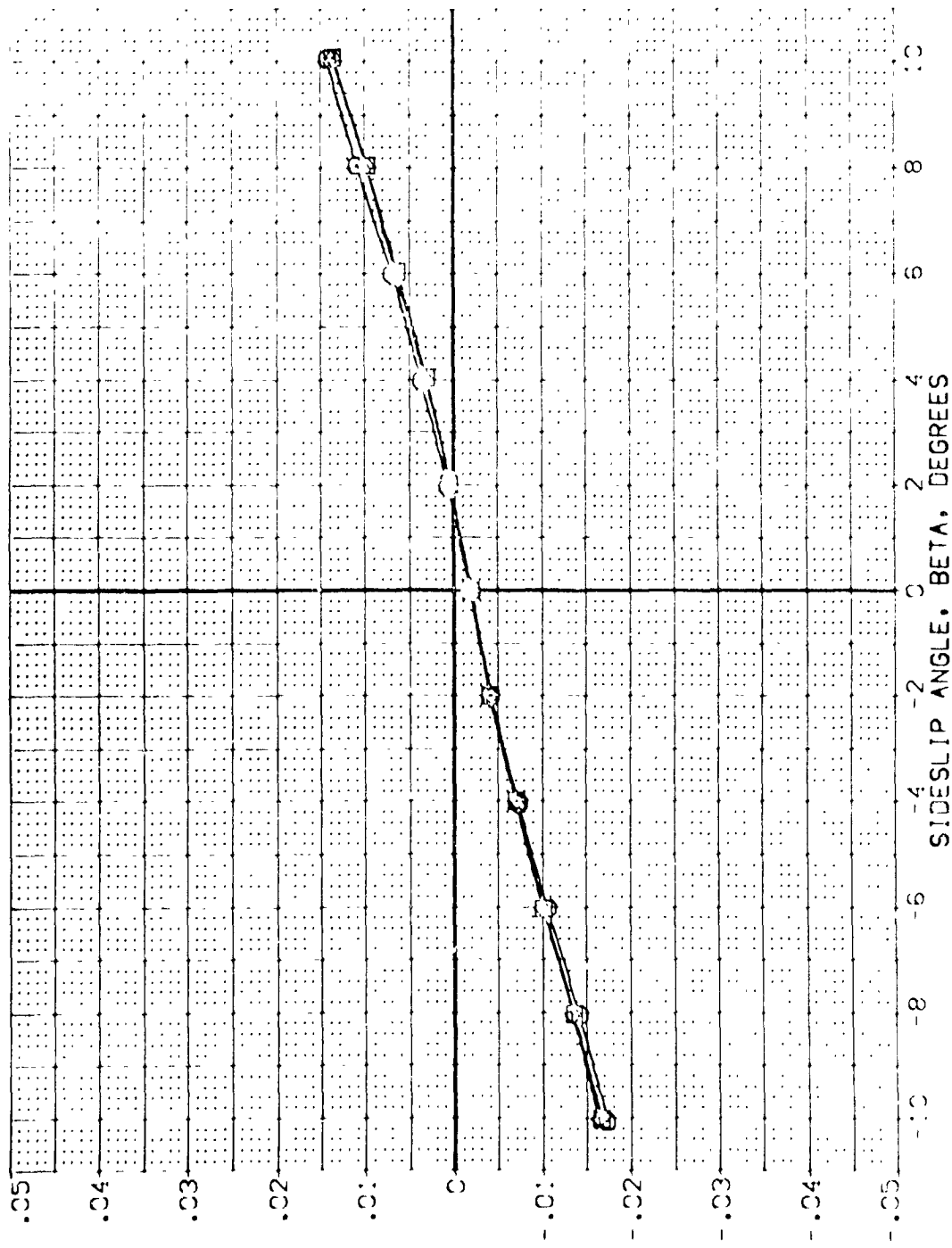


FIG 98 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LONG. STAB., 25 FLARE, 0 ELEVON
 CASE 1147

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPINRAT	ALLISON	REFERENCE INFORMATION
012119	01628 82609 WTB V 1628/895X9	.000	.000	25.000	.000	4.4 9
012786	01628 82609 WTB V 1628/895X9	.000	.000	25.000	.000	19.2 20
012787	01628 82609 WTB V 1628/895X9	.000	.000	25.000	.000	37.9 359
						43.0 354
						1400
						1400
						15.0 80
						SCALE



YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

FIG 99 EFFECT OF RMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST. 25 FLARE, C ALPHA

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPDBRK	AIRBN	REFERENCE INFORMATION
[RQZ119]	CA628 826C9 W7F8 V116E28/885X9	.000	.000	25.000	.000	SREF 4.4119 SCALE 1000
[RQZ786]	CA628 826C9 W50F8 V116E28/885X9	.000	.000	25.000	.000	LREF 19.2739 SCALE 1000
[RQZ792]	CA628 826C9 W7F8 V116E28/995X9	.000	.000	25.000	.000	SREF 37.9339 SCALE 1000
						XREF 43.5974 SCALE 1000
						YREF 15.1875 SCALE 1000
						SCALE 1000

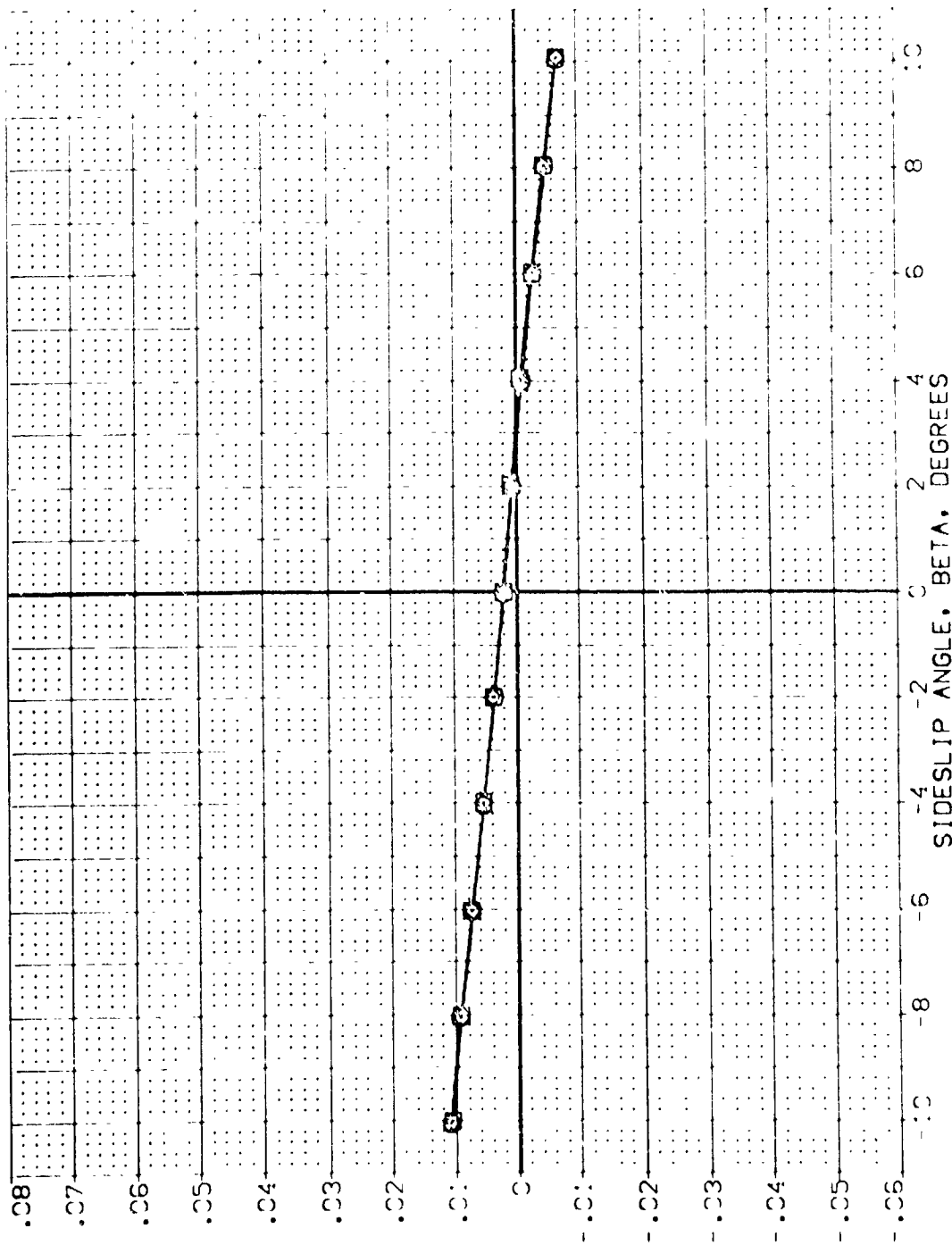


FIG 99 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE, C ALPHA
CAVAC = .20 PAGE 1149

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION
[RZ119]	0A628 B26C9 M7F8 V116E28V8P5X9	.000	.000	25.000	.000	SREF 4.4119
[RZ286]	0A628 B26C9 M50F8 V116E28V8P5X9	.000	.000	25.000	.000	LREF 19.2299
[RZ292]	0A628 B26C9 M7F8 V116E28V9P5X9	.000	.000	25.000	.000	BREF 37.5353
						XREF 43.5974
						YREF .0000
						ZREF 15.1875
						SCALE .0405

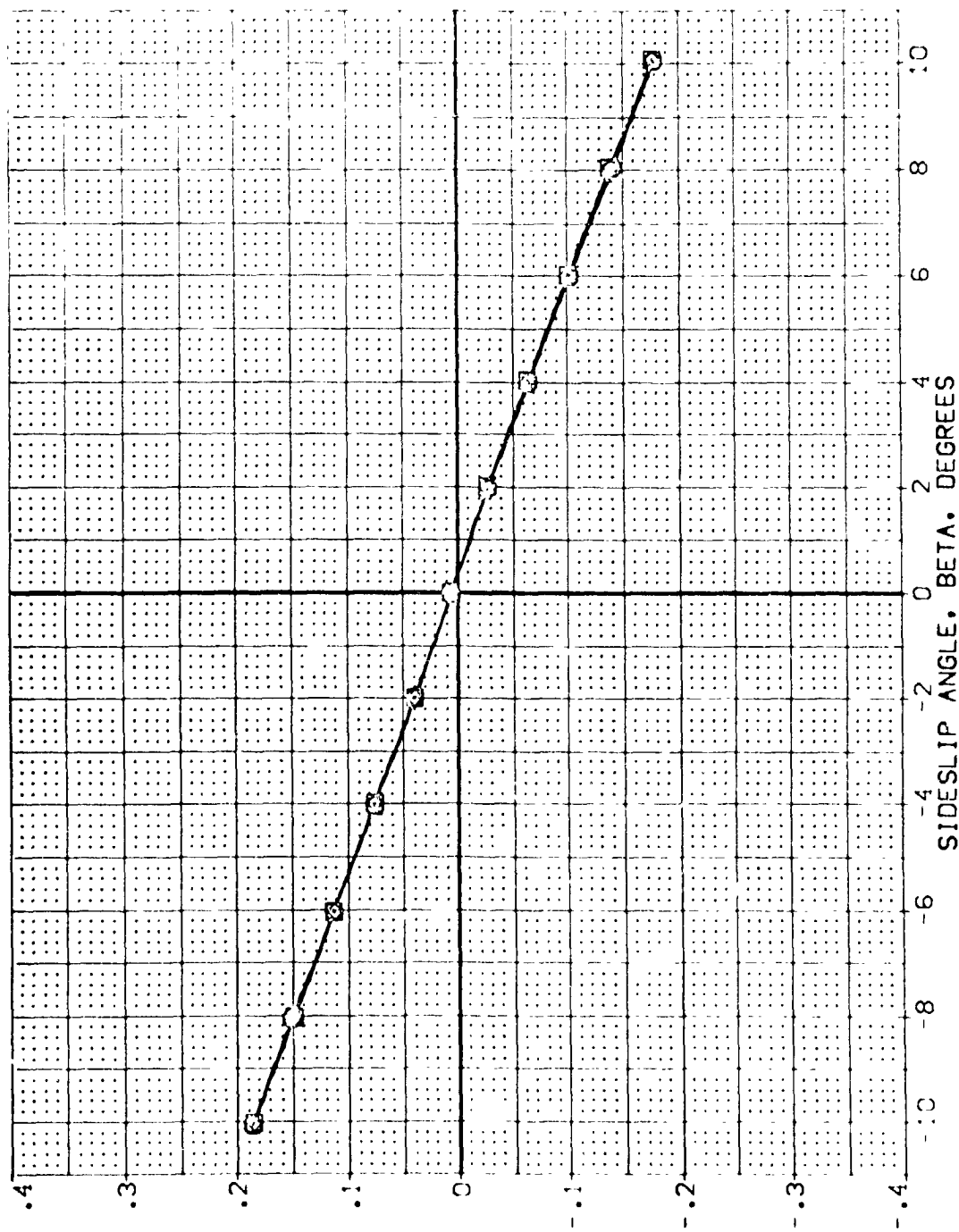


FIG 99 EFFECT OF $CMS + VERT.$ TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE, 0 ALPHA

(A) $MACH = .20$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOILER	AILERON	REFERENCE INFORMATION
(H02120)	0A628 B26C9 M718 V116E28V875X9	5.000	.000	25.000	.000	SREF 4.4119 SQ.FT.
(R07287)	0A628 B26C9 M5018 V116E28V875X9	5.000	.000	25.000	.000	LREF 19.2299 INCHES
(R07293)	0A628 B26C9 M718 V116E28V875X9	5.000	.000	25.000	.000	BREF 37.9359 INCHES
						XMRP 43.5874 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1873 INCHES
						SCALE .0405

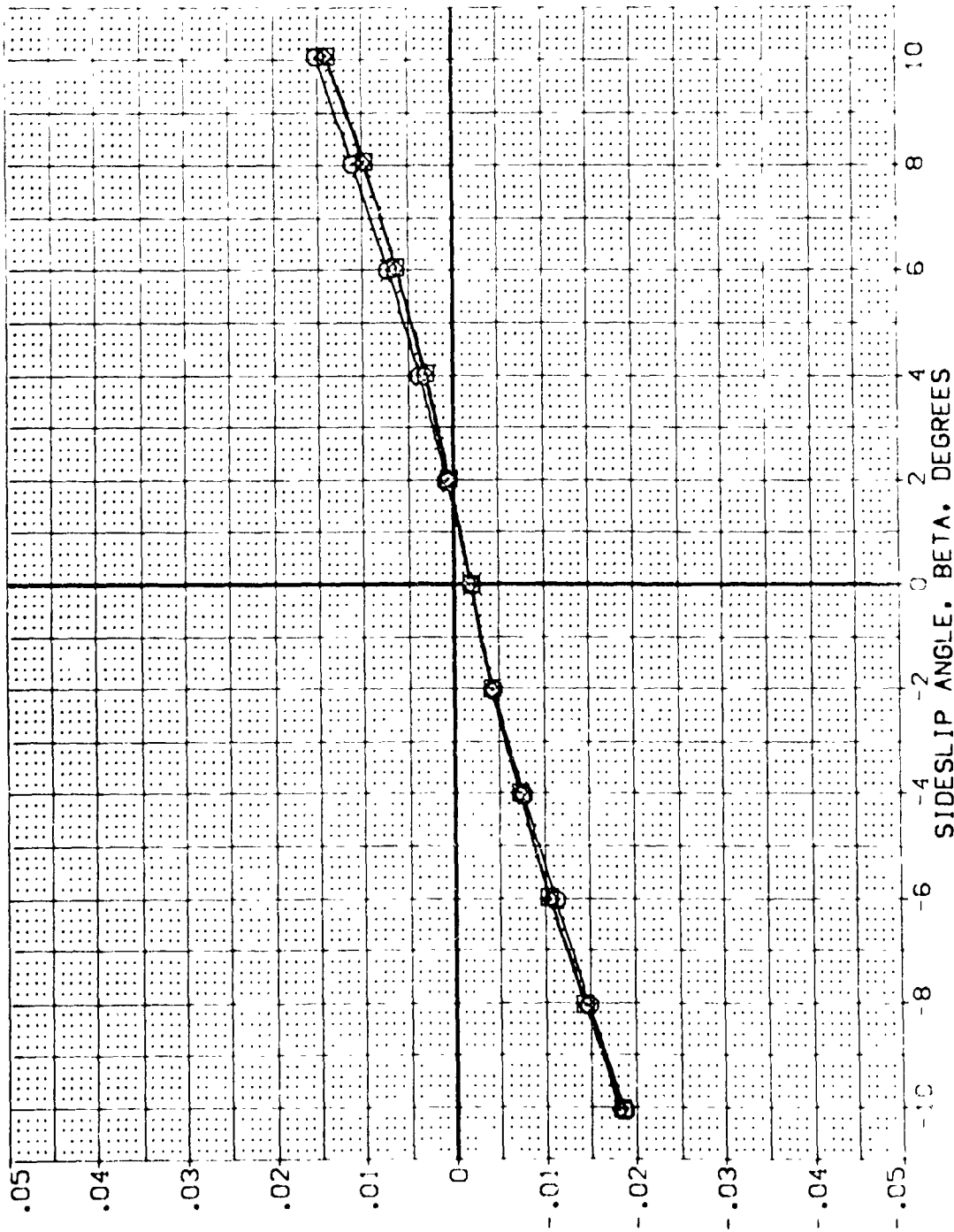


FIG 100 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/OIR ST., 25 FLARE 5 ALPHA
 CADMAC- .20 PAGE 151

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AILRON	REFERENCE INFORMATION
{ R02120 }	Q 0A628 B26C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	.000	SREF 4.4119 SQ.FT.
{ R02287 }	Q 0A628 B26C9 M50F8 V116E28V8P5X9	5.000	.000	25.000	.000	LREF 19.2299 INCHES
{ R02293 }	Q 0A628 B26C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	.000	BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405

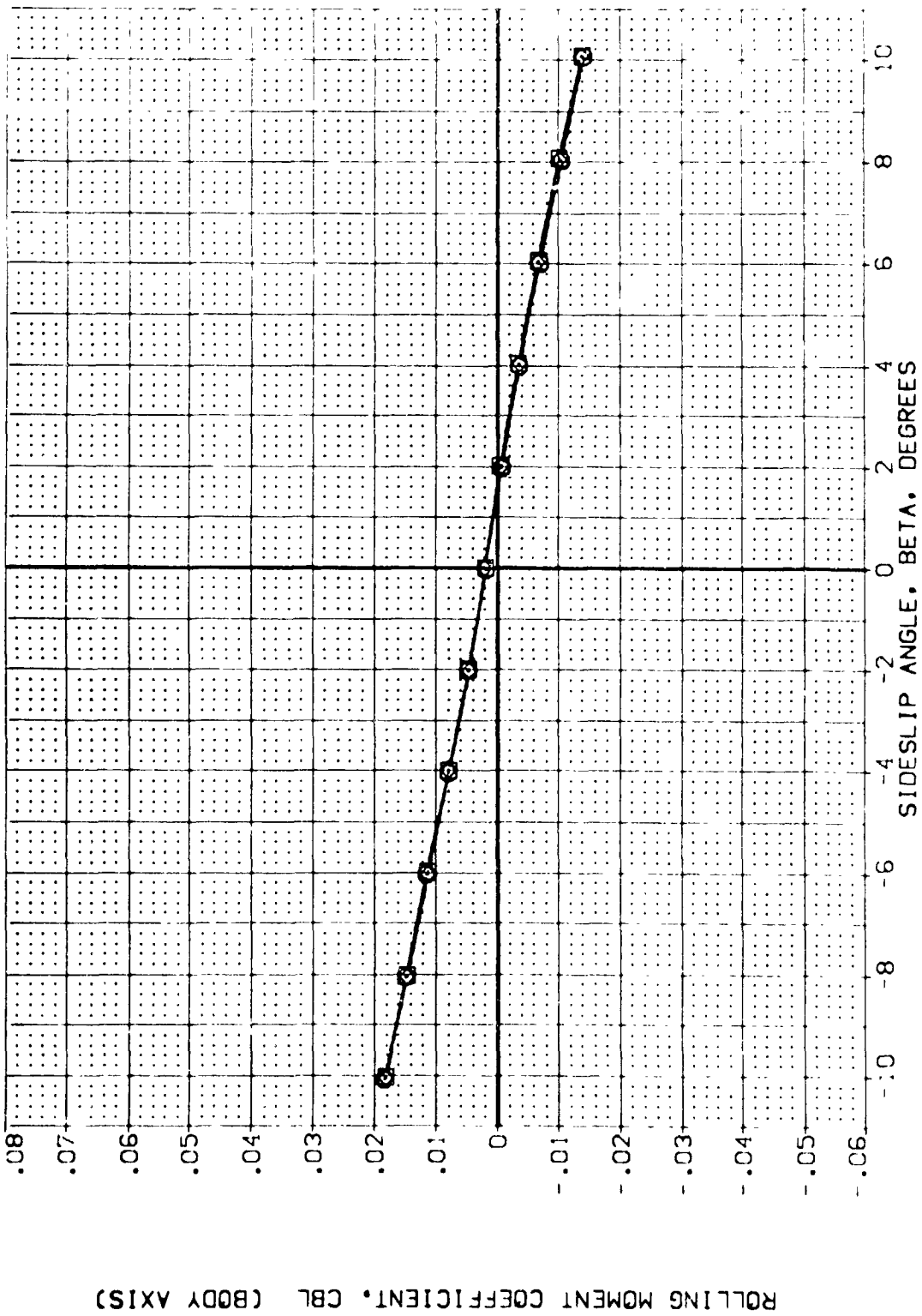


FIG 100 EFFECT OF OMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE 5 ALPHA
 (C)MAC- = .20 PAGE 1:52

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOILER	AILERON	REFERENCE INFORMATION
(R02120)	0A628 B76C9 M7F8 V116E28V8P5X9	5.000	.000	25.000	.000	SREF 4.4119 SQ.FT.
(R02287)	0A628 B76C9 M5OF8 V116E28V8P5X9	5.000	.000	25.000	.000	LREF 19.2299 INCHES
(R02293)	0A628 B76C9 M7F8 V116E28V9P5X9	5.000	.000	25.000	.000	BREF 37.9359 INCHES
						XMRP 43.5874 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405

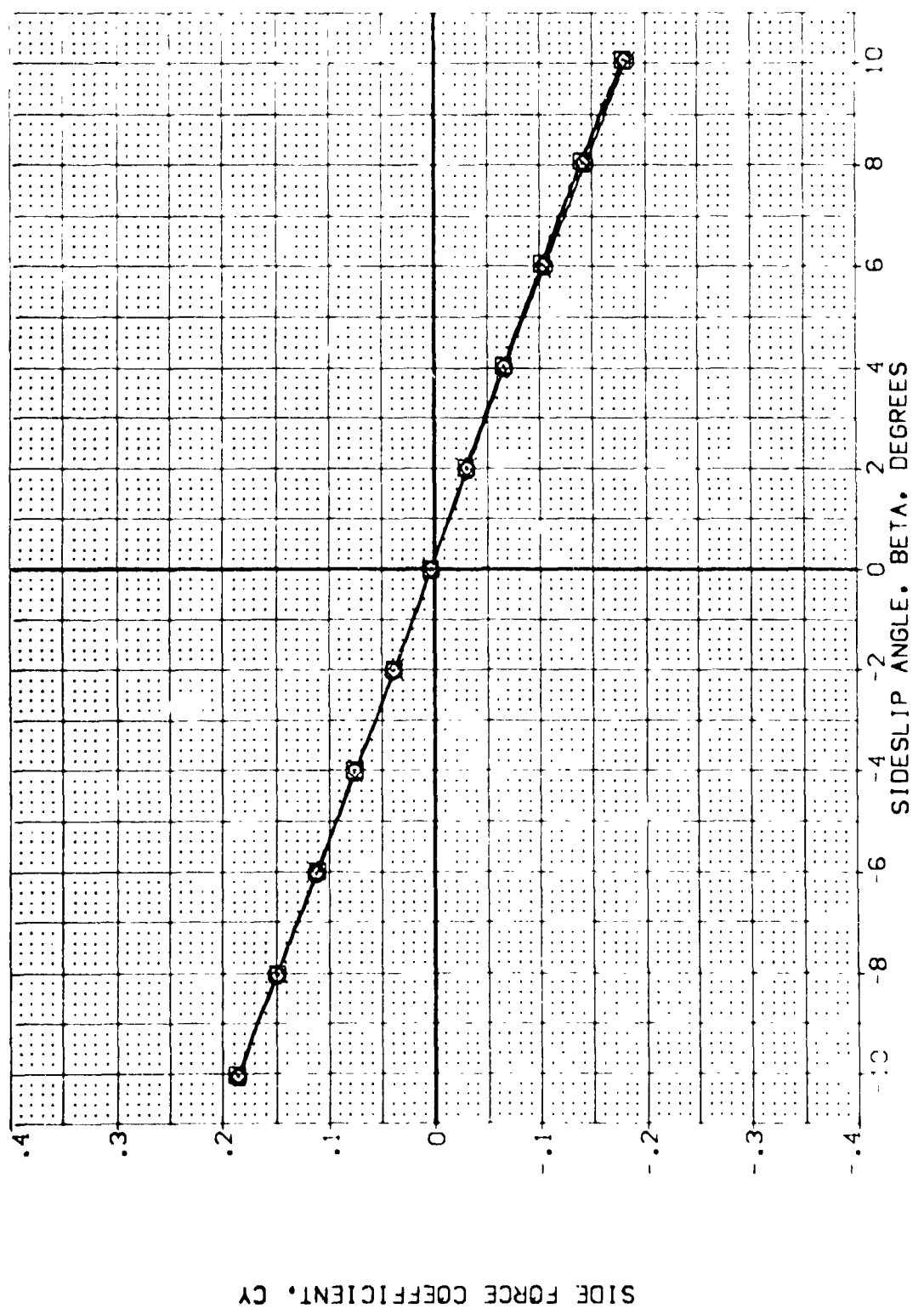


FIG 100 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST..25 FLARE 5 ALPHA

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AILERON	REFERENCE INFORMATION
(R02121)	CA628 B26C9 M7F8 V116E28V8P5X9	10.000	.000	25.000	.000	SREF 4.4119 SCAL
(R02288)	CA628 B26C9 M5OF8 V116E28V8P5X9	10.000	.000	25.000	.000	BRK 19.2799 SCAL
(R02294)	CA628 B26C9 M7F8 V116E28V8P5X9	10.000	.000	25.000	.000	BRK 37.9359 SCAL
						YMPD 43.5974 SCAL
						YMPD 15.0000 SCAL
						YMPD 15.875 SCAL
						SCALE .0405 SCAL

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

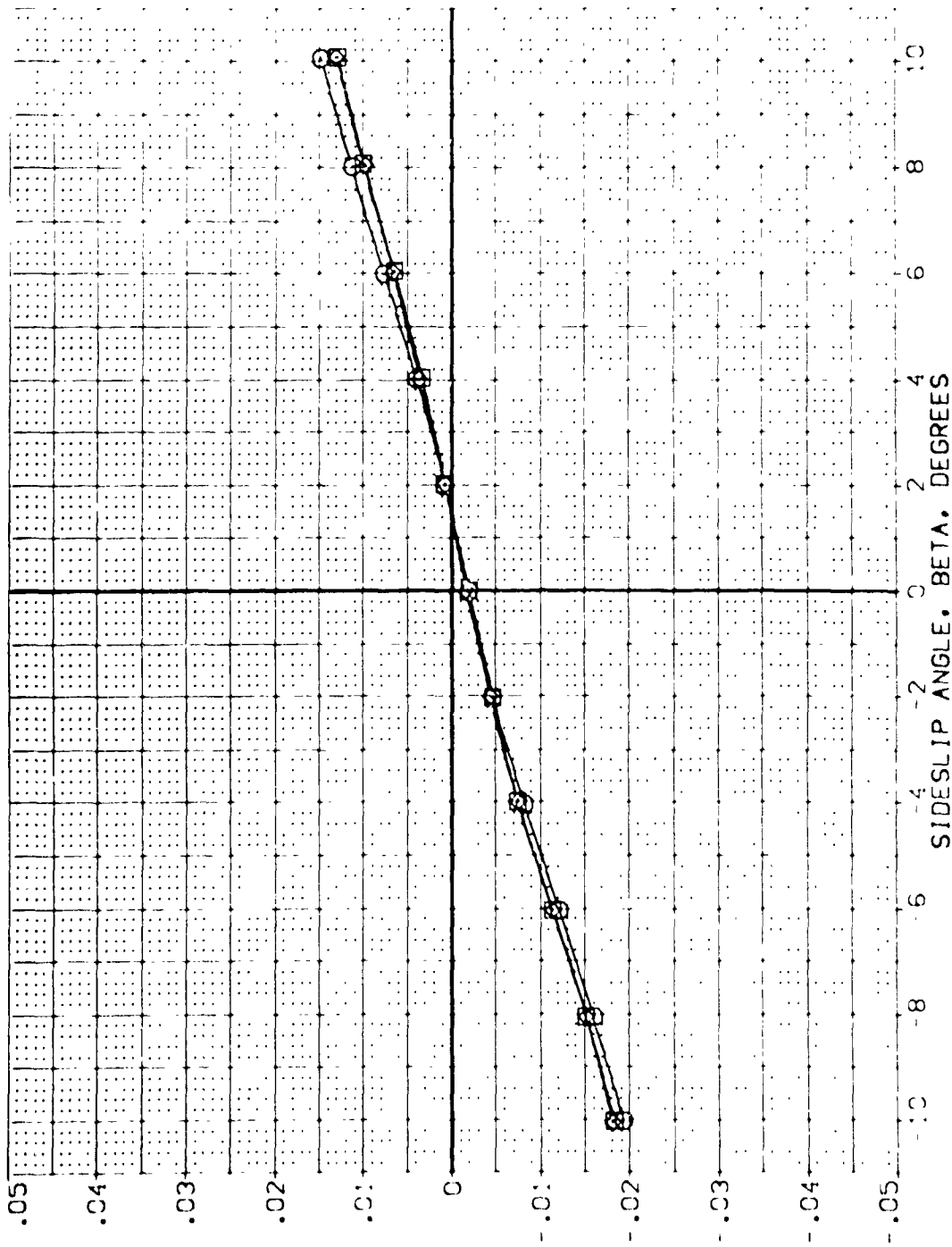


FIG 101 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE 10 ALPHA
 (A)MAC - .20
 PAGE 154

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDRM	AIRLON	REFERENCE INFORMATION
[R07121]	Q 04628 B26C9 M7F8 V116E28V895X9	10.000	.000	25.000	.000	SPE 4.4119 SO.FT
[R07288]	Q 04628 B26C9 M50F8 V116E28V895X9	10.000	.000	25.000	.000	LRF 19.2299 NC+5
[R07294]	Q 04628 B26C9 M7F8 V116E28V895X9	10.000	.000	25.000	.000	BRE 37.9359 NC+5
						XMRP 43.5974 NC+5
						YMRP .0000 NC+5
						ZMRP 15.1875 NC+5
						SCALE .0405 SCALE

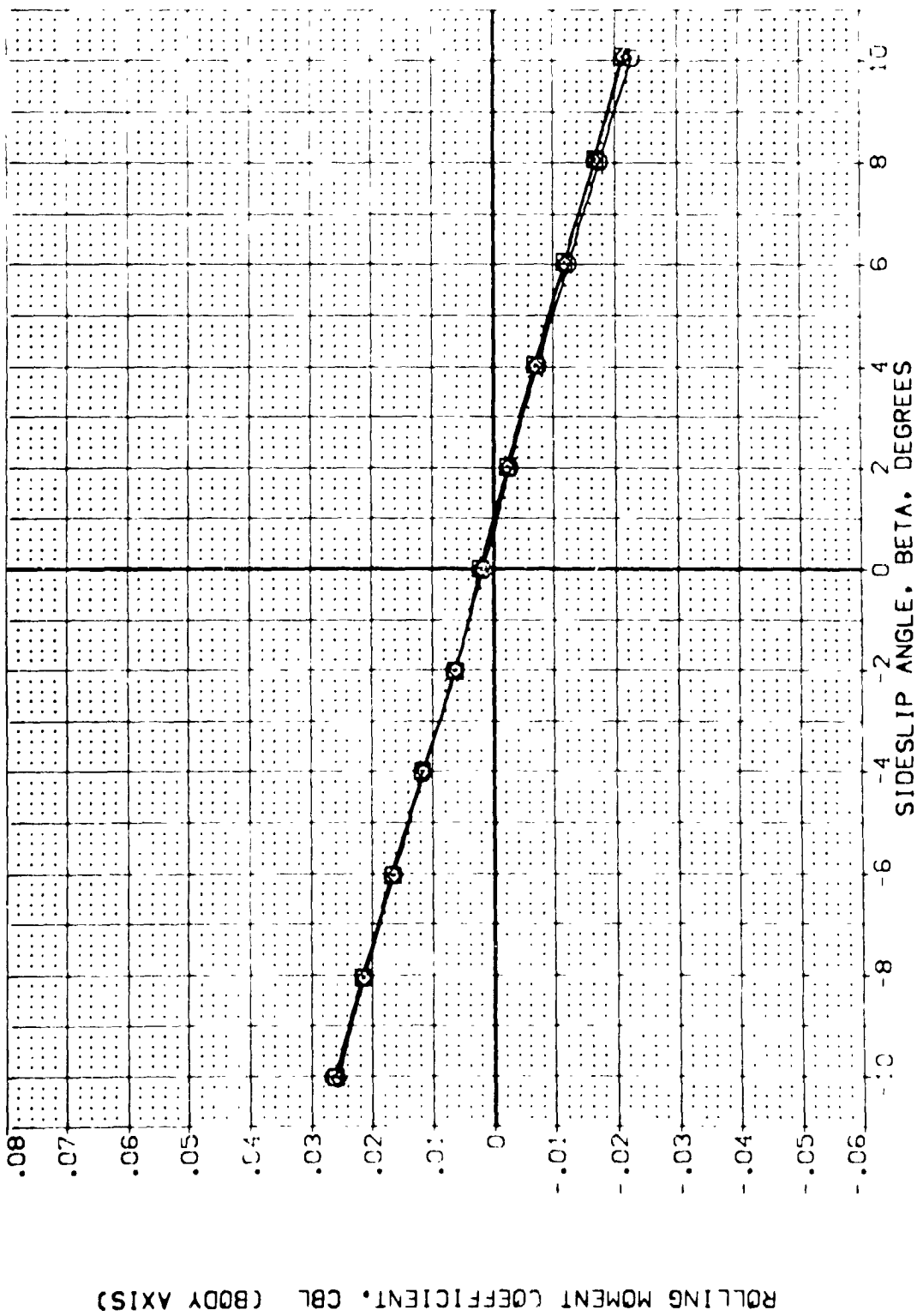


FIG 101 EFFECT OF OMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE 10 ALPHA
 CADMAC- .20 PAGE 1155

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOILER	AILERON	REFERENCE INFORMATION			
(R071211)	04628 826C9 M7F8 V116Z28V8P5X9S	10.000	.000	25.000	.000	SREF	4.4119	50.000	INCHES
(R07288)	04628 826C9 M50F8 V116Z28V8P5X9S	10.000	.000	25.000	.000	LRUF	19.2299	10.000	INCHES
(R07294)	04628 826C9 M7F8 V116Z28V8P5X9S	10.000	.000	25.000	.000	BRUF	37.9359	10.000	INCHES
						YMRP	43.5974	10.000	INCHES
						ZMRP	15.1875	10.000	INCHES
						SCALE	.0405	10.000	INCHES

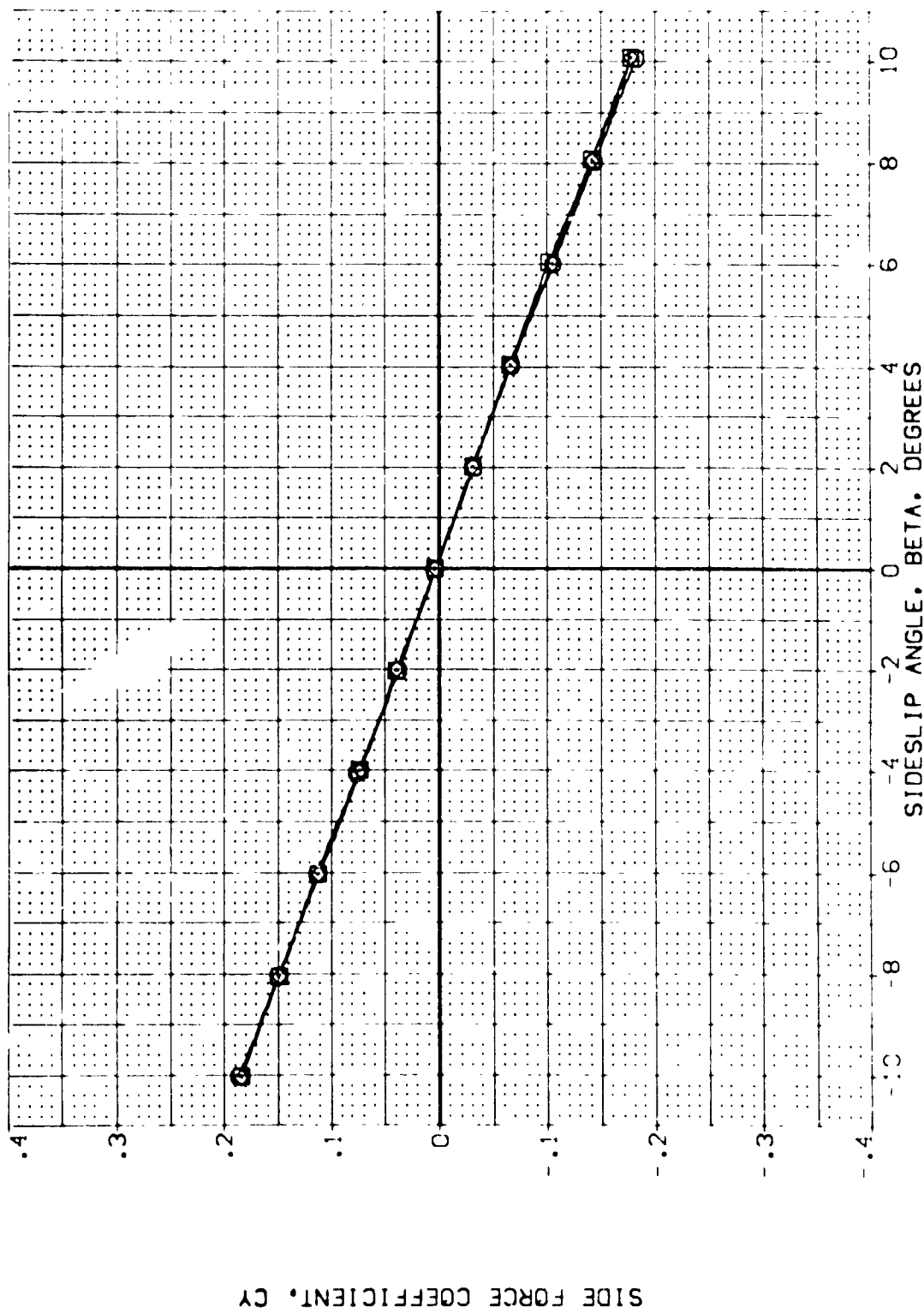


FIG 101 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE 10 ALPHA

(A)MAC = .20 PAGE 1156

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPEED	AILLON	REFERENCE INFORMATION
(RDZ172)	0A628 876C9 M7F8 V116E28V8P5X9	15.000	.000	25.000	.000	SREF 4.4119 SO.FT.
(RDZ269)	0A628 876C9 M50F8 V116E28V8P5X9	15.000	.000	25.000	.000	LREF 19.2299 INCHES
(RDZ295)	0A628 876C9 M7F8 V116E28V9P5X9	15.000	.000	25.000	.000	BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405

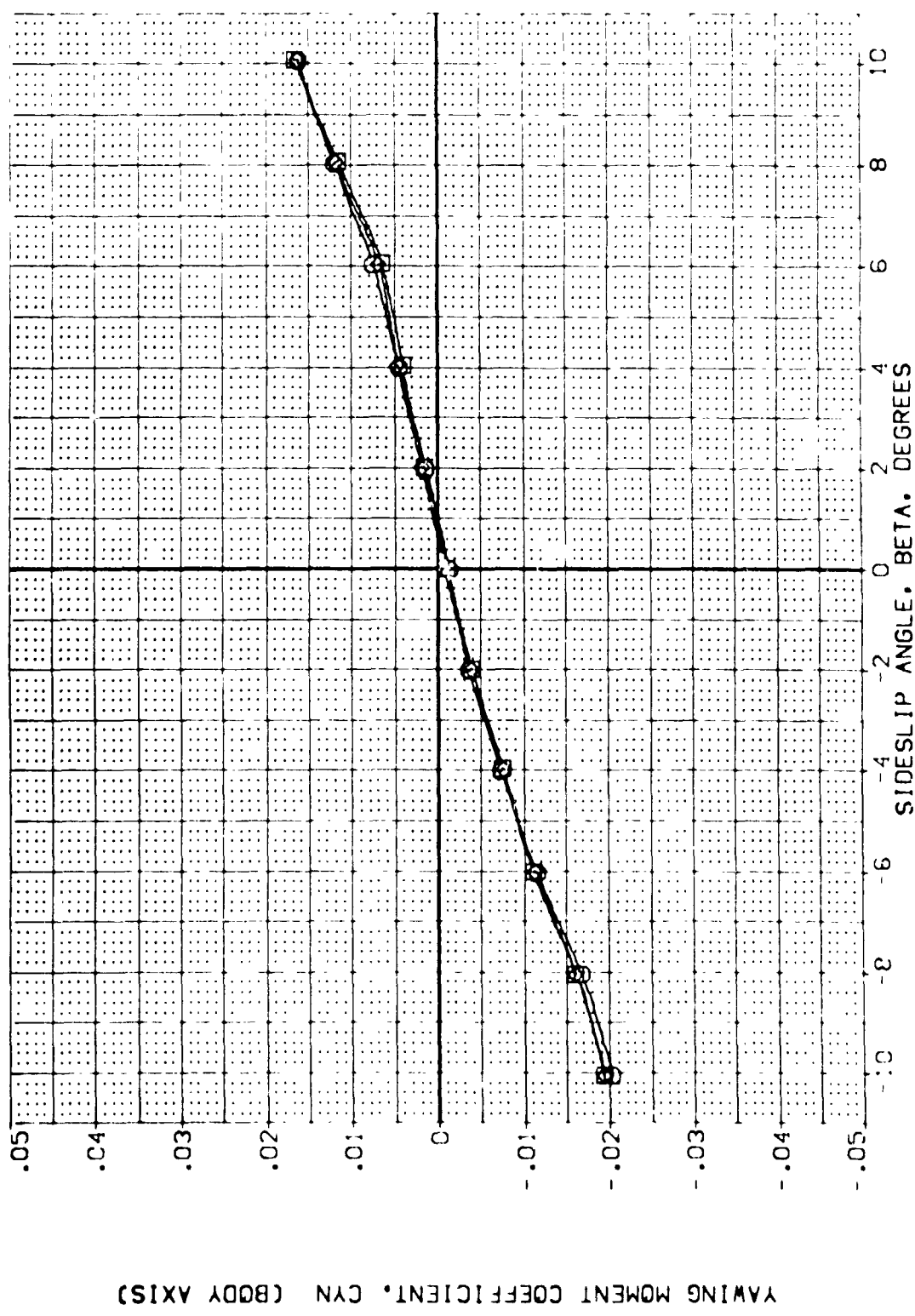
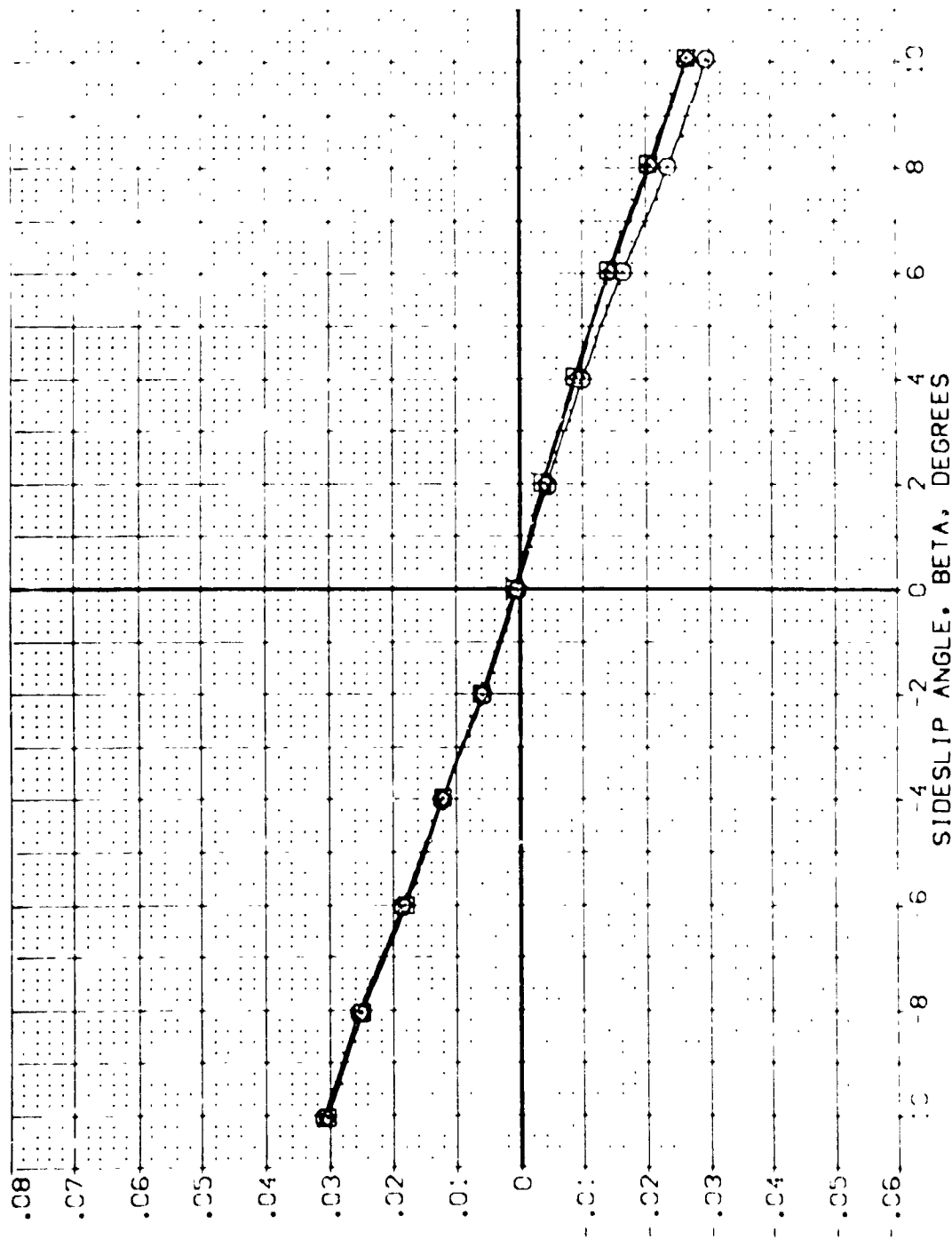


FIG 102 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST..25 FLARE 15 ALPHA
 (A)WAC .20 PAGE 1157

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION
(R02127)	04628 B76C9 W718 V116L28V8P5X9	15.000	.000	25.000	.000	SREF 4.4119 SCREF
(R02288)	04628 B76C9 W508 V116L28V8P5X9	15.000	.000	25.000	.000	SREF 19.2298 SCREF
(R02295)	04628 B76C9 W718 V116L28V8P5X9	15.000	.000	25.000	.000	SREF 37.8359 SCREF
						SREF 43.5974 SCREF
						SREF 15.875 SCREF
						SCALE .0405 SCREF



ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

FIG 102 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE 15 ALPHA

SIDE FORCE COEFFICIENT, CY

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(R01722)	QAS2B B2BC9 M7F8 V116E28V8P5X9
(R01723)	QAS2B B2BC9 M50F8 V116E28V8P5X9
(R01725)	QAS2B B2BC9 M7F8 V116E28V9P5X9

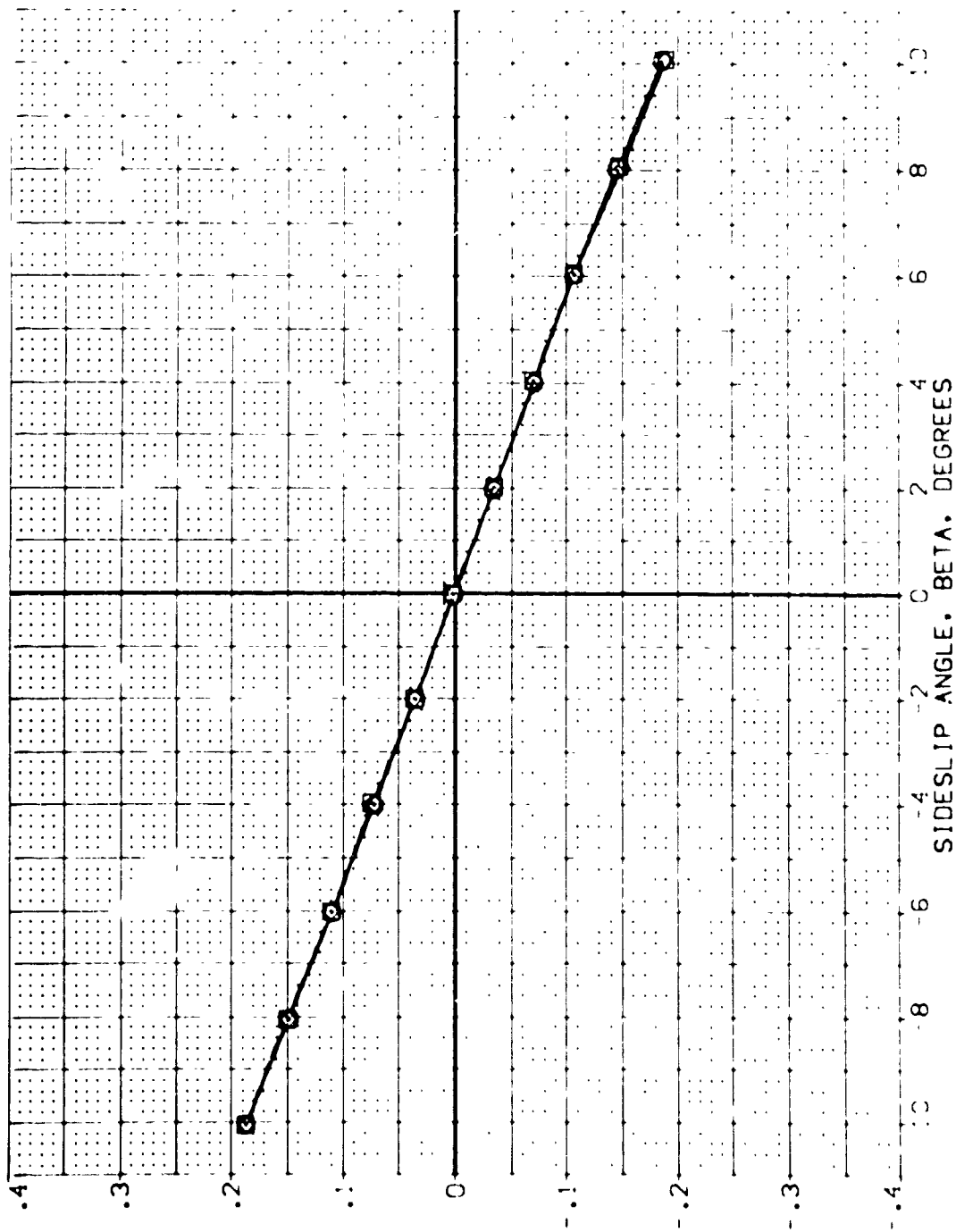
[illegible]

FIG 102 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE 15 ALPHA

(A) VAC.

PAGE 1159

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION
(R02123)	Q 04628 B26C9 W7E8 V116E28V8P5X9	20.000	.000	25.000	.000	SREF 4.4119 50.17
(R02125)	Q 04628 B26C9 W7E8 V116E28V8P5X9	20.000	.000	25.000	.000	LREF 19.2759 NC+S
(R02126)	Q 04628 B26C9 W7E8 V116E28V8P5X9	20.000	.000	25.000	.000	BREF 37.9359 NC+S
						XREF 43.5974 NC+S
						YREF .0000 NC+S
						ZREF 15.1875 NC+S
						SCALE 0.005

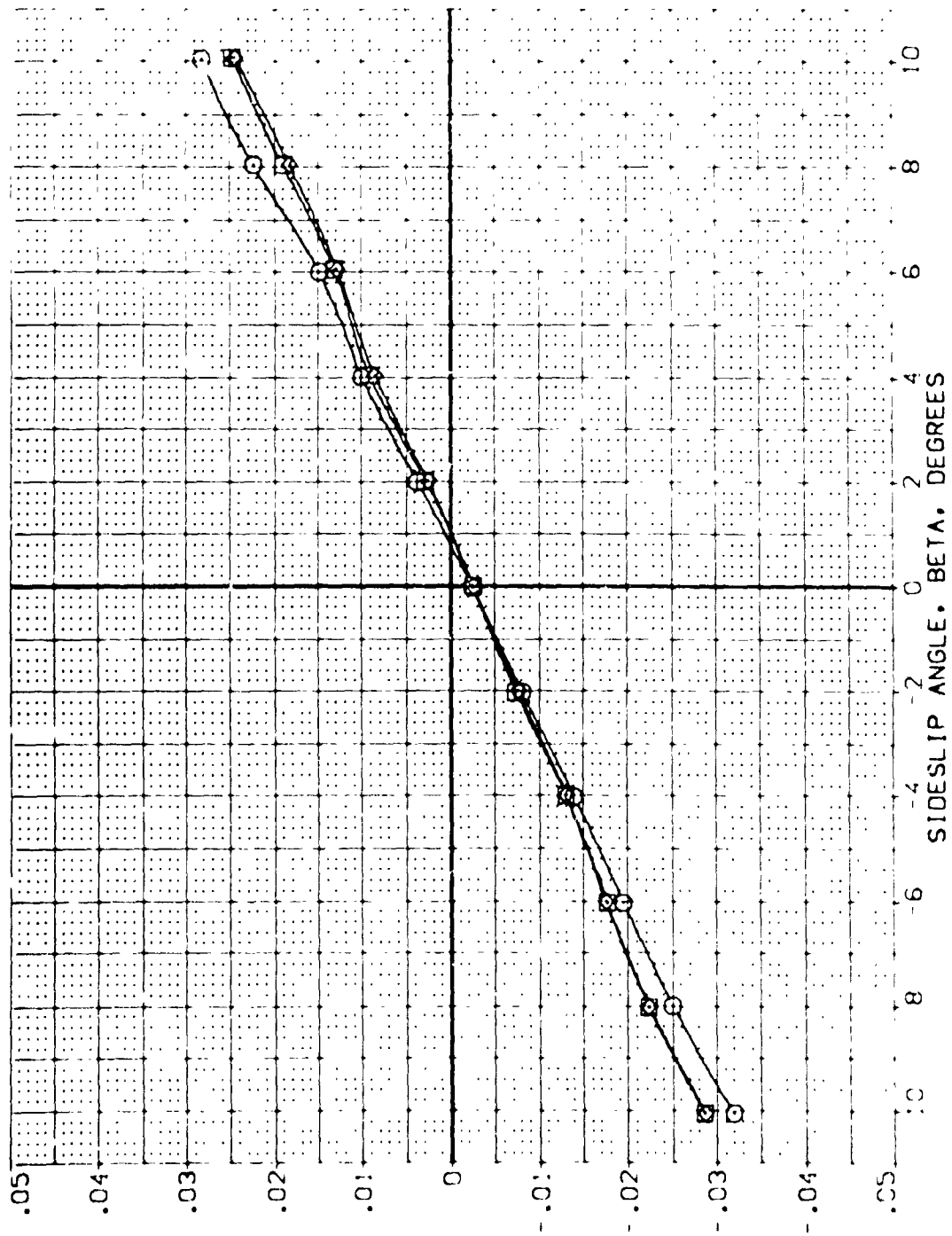


FIG 103 EFFECT OF OMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE 20 ALPHA

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDRBK	AILRON	REFERENCE INFORMATION
(R02123)	QAS28 B26C9 M7F8 V116E28V8P5X9	20.000	.000	25.000	.000	SREF 4.4119 SQ.FT.
(R02290)	QAS28 B26C9 M50F8 V116E28V8P5X9	20.000	.000	25.000	.000	LREF 19.2298 INCHES
(R02296)	QAS28 B26C9 M7F8 V116E28V8P5X9	20.000	.000	25.000	.000	BREF 37.9359 INCHES
						XMRP 43.5574 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405

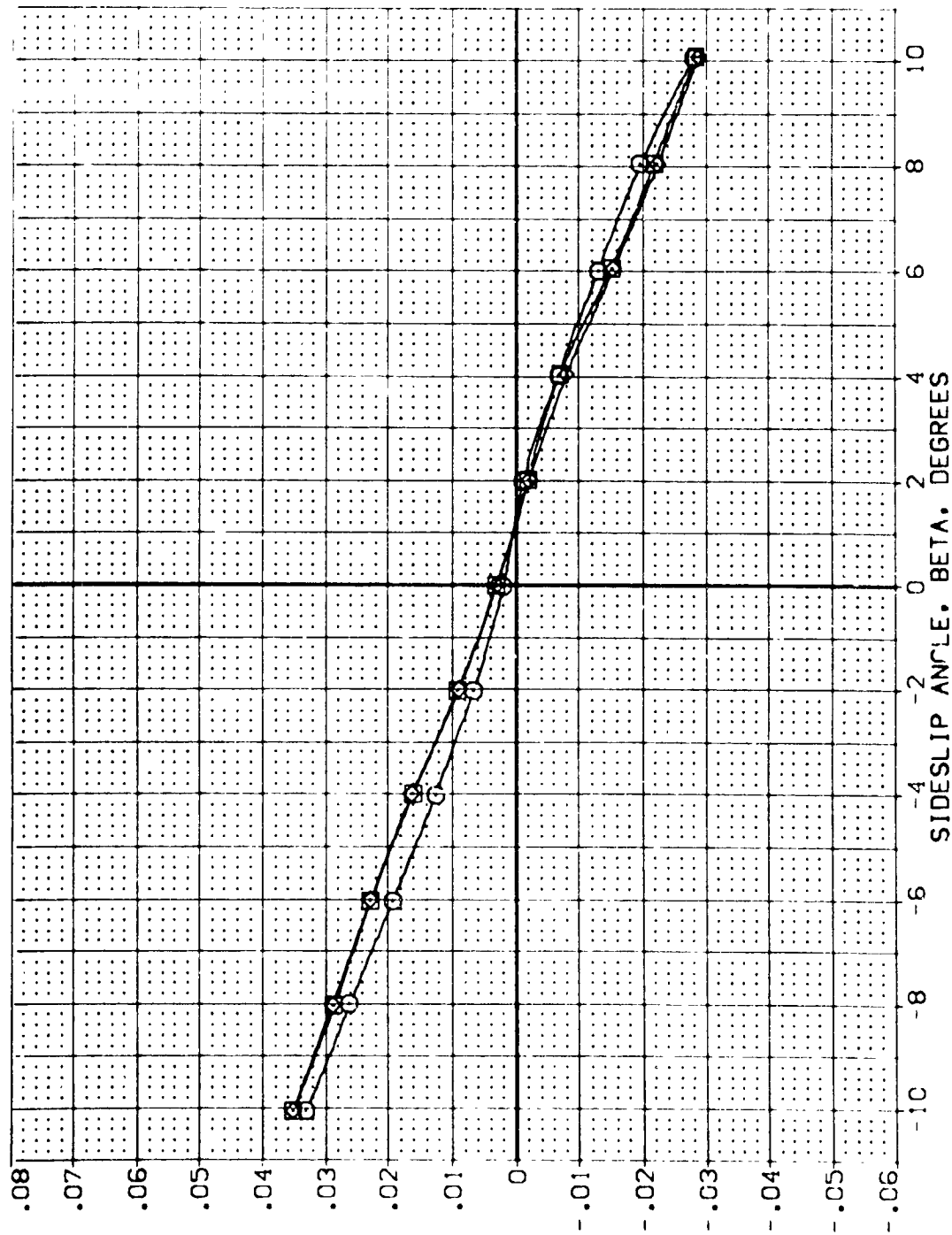


FIG 103 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST. 25 FLARE 20 ALPHA

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION
[R02173]	Q 0A628 876C9 M77.8 V116E28/89549	20.000	.000	25.000	.000	SREF 4.4119 SQ.1
[R02750]	Q 0A628 876C9 M50.8 V116E28/89549	20.000	.000	25.000	.000	LREF 19.2799 NC.4 S
[R02756]	Q 0A628 876C9 M77.8 V116E28/89549	20.000	.000	25.000	.000	BREF 37.9359 NC.4 S
						XREF 43.5974 NC.4 S
						YREF .0000 NC.4 S
						ZREF 15.1875 NC.4 S
						SCALE .3405 SQ.1

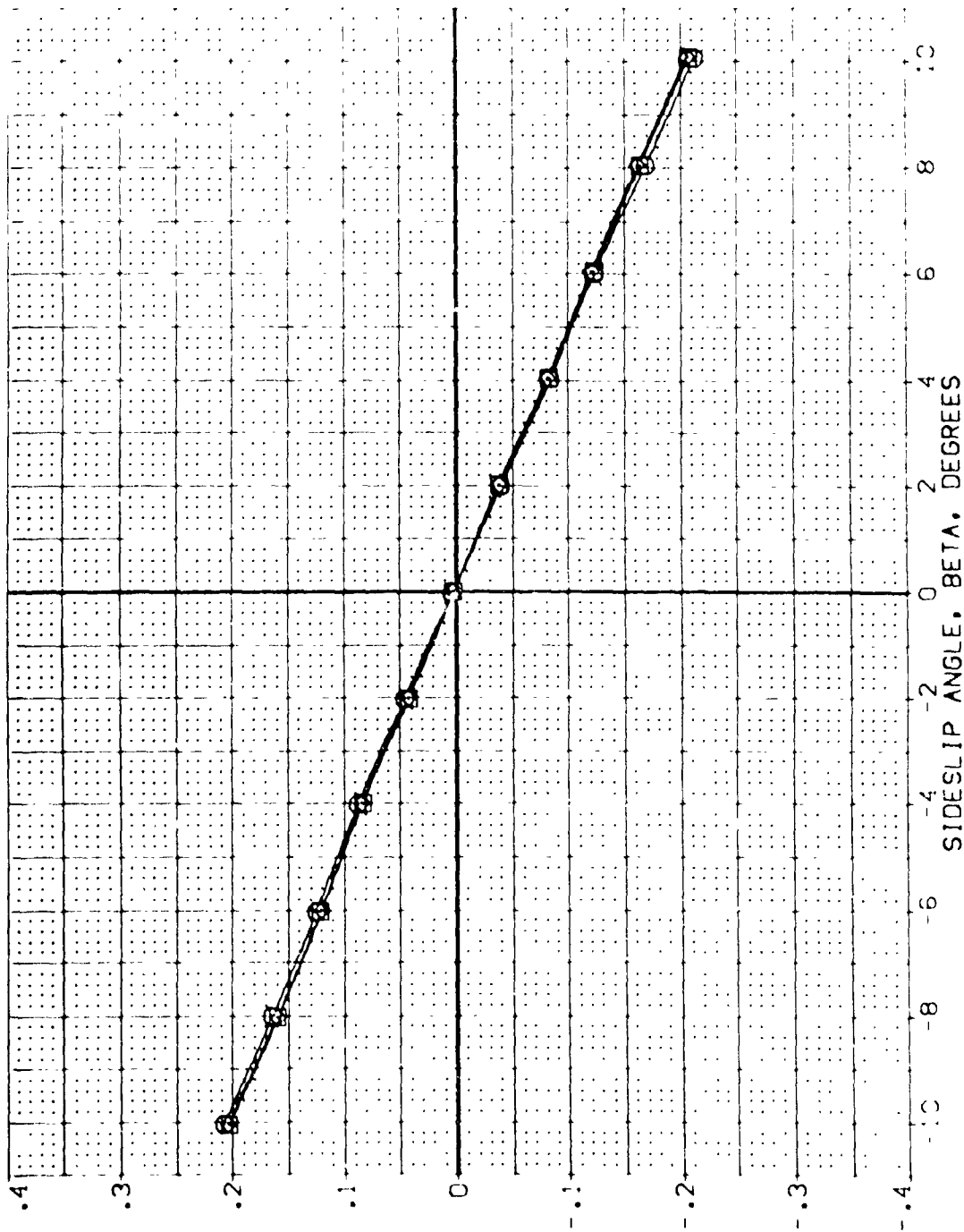


FIG 103 EFFECT OF QMS + VERT. TAIL GAPS ONLY ON LAT/DIR ST., 25 FLARE 20 ALPHA
 CADWAC = .20
 PAGE 1162

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELEVON		SPORBRK		BOXLAP		RUDDER		REFERENCE INFORMATION	
(807278)	DA628	826C9	M7F8	V116E28V85X9	.000	.000	.000	-12.000	.000	SREF	4.4119	SC.F1	SC.F1
(807303)	DA628	826C9	F8	V116E28V85X9	.000	.000	.000	-12.000	.000	LR.F	19.2799	NC.F	NC.F
										BR.F	37.9359	NC.F	NC.F
										Y.MPD	43.5974	NC.F	NC.F
										Z.MPD	.0000	NC.F	NC.F
										SCALE	15.1875	NC.F	NC.F
											.0405	SC.F1	SC.F1

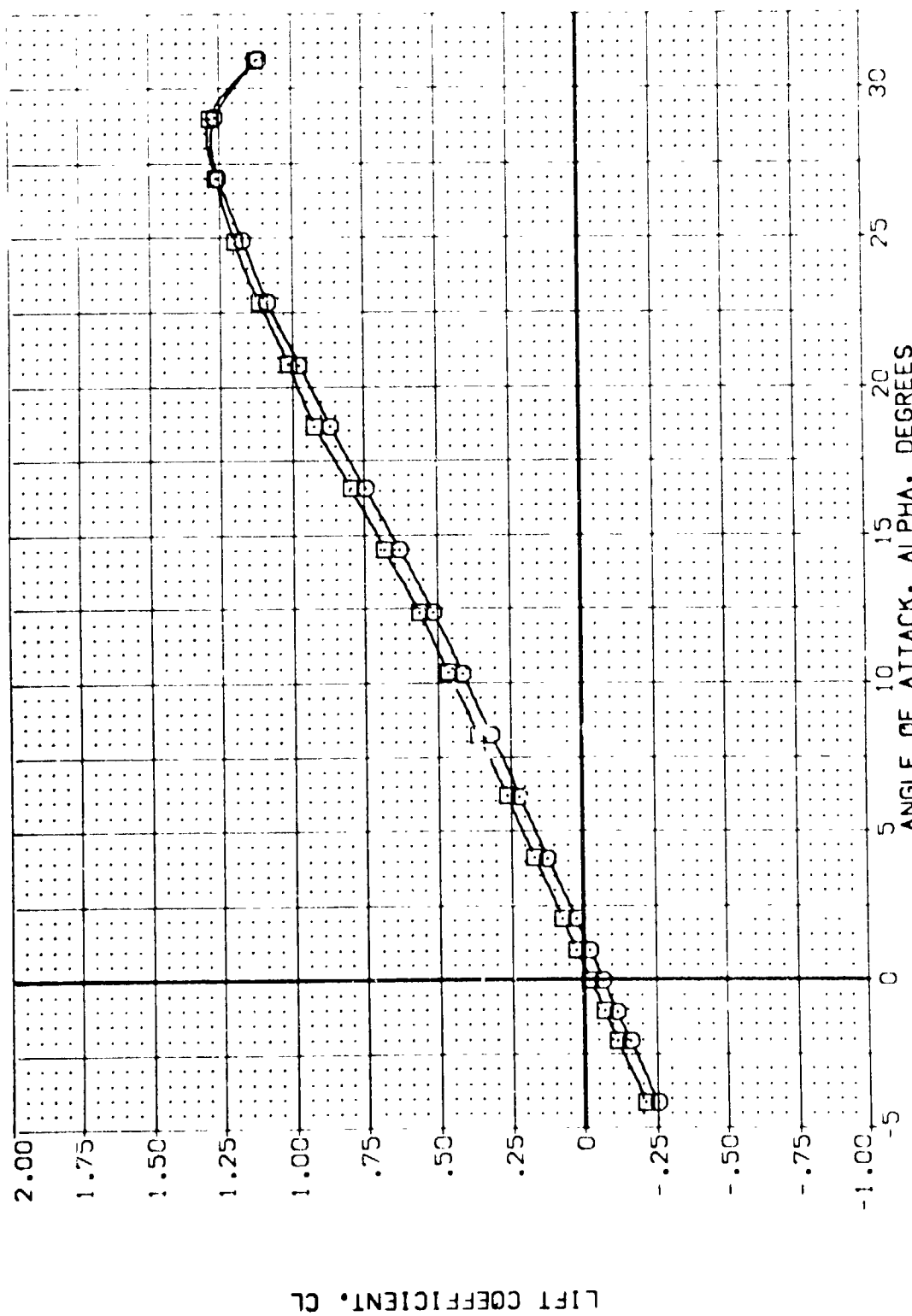


FIG 104 EFFECT OF OMS PODS ON LONGITUDINAL STABILITY, 0 DEG FLARE, ELEVON = 0

(A)WAC-- .20

PAGE 1163

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELEVON		SPUBRK		BDFLAP		RUDDER		REFERENCE INFORMATION	
(802228)	B	0A628	B26C9	M7F8	V11E28V875X9	.000	.000	-12.000	.000	SREF	4.4119	SO.F.T	
(802303)		0A628	B26C9	F8	V11E28V875X9	.000	.000	-12.000	.000	REF	19.2288	NG-FS	
										BR.F	37.9359	NG-FS	
										XMRP	43.9574	NG-FS	
										YMRP	.0000	NG-FS	
										ZMRP	15.1875	NG-FS	
										SCALE	.0405	SCALE	

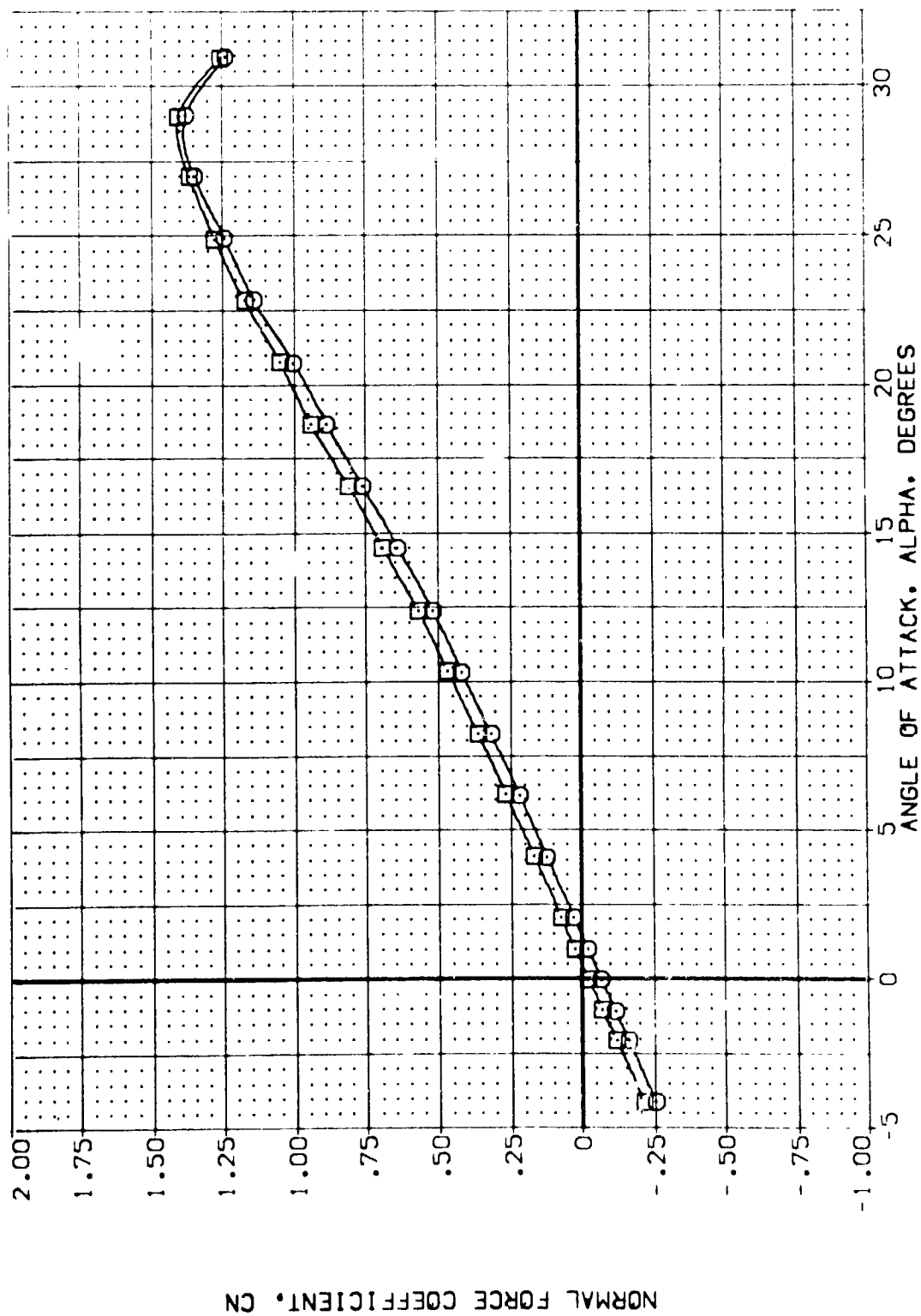


FIG 104 EFFECT OF OMS PODS ON LONGITUDINAL STABILITY, 0 DEG FLARE, ELEVON = 0
 (A)MAC = .20 PAGE 1164

DATA SET SYMBOL

(BD22281)

(BD2303)

CONFIGURATION DESCRIPTION

0A628 B26C3 MTF8 V116E28V85SX9

0A628 B26C3 F8 V116E28V85SX9

ELEVON

.000

.000

SPOBRK

.000

.000

BOFLAP

-12.000

-12.000

RUDDER

.000

.000

REFERENCE INFORMATION

SREF 4.4119 SQ.FT.

LREF 19.2299 INCHES

BREF 37.9359 INCHES

XMRP 43.5974 INCHES

YMRP .0000 INCHES

ZMRP 15.1875 INCHES

SCALE .0405

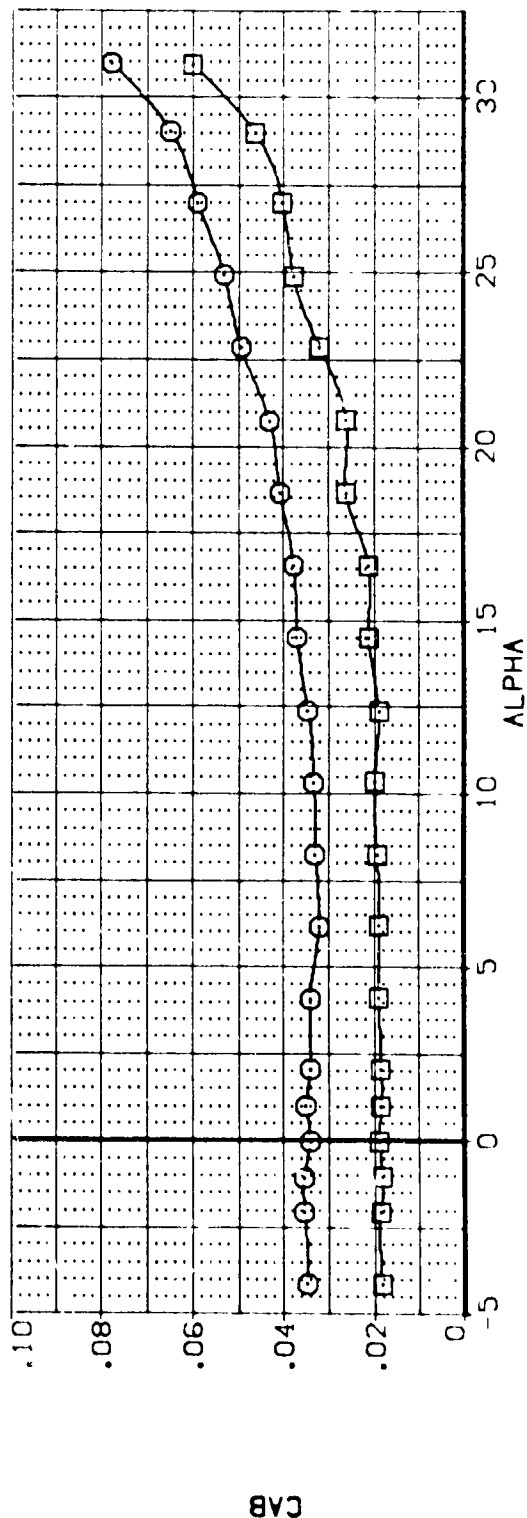
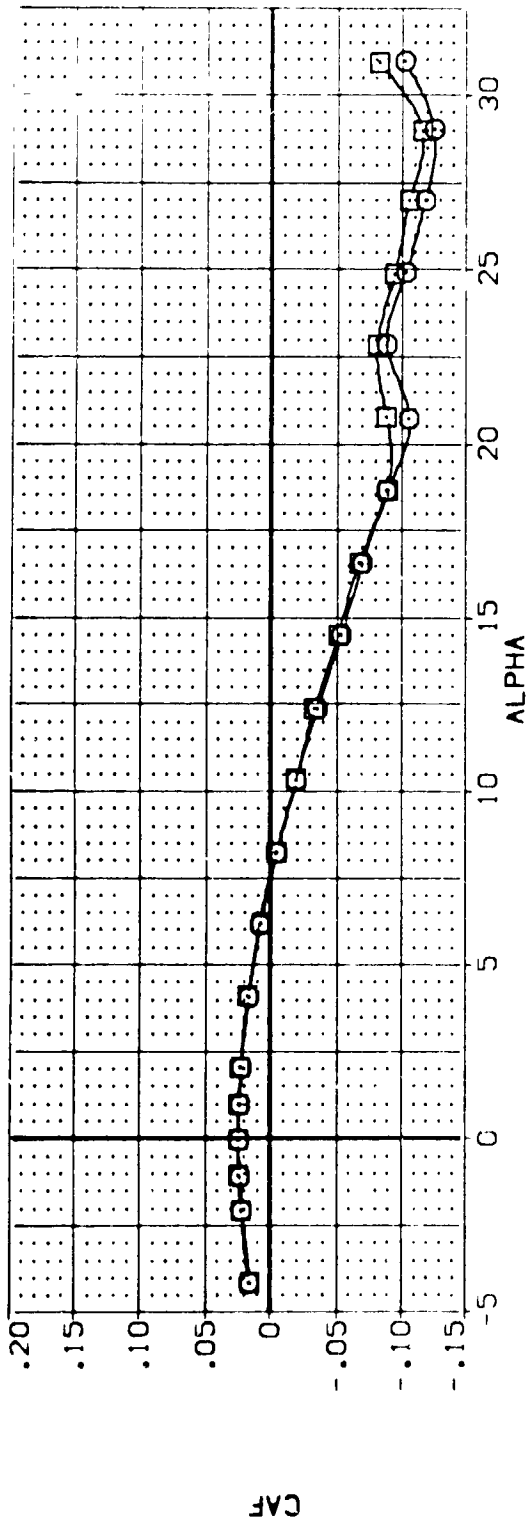


FIG 104 EFFECT OF OMS PODS ON LONGITUDINAL STABILITY, 0 DEG FLARE, ELEVON = 0

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ELEVON		SPDBRA		BOFLAP		RUDDER		REFERENCE INFORMATION	
(802228)	Q	0A628	8X6C9	M7F8	V116E28V85X9	.000	.000	-12.000	.000	SREF	4.4119	50.41	INCHES
(802303)	Q	0A628	8X6C9	F8	V116E28V85X9	.000	.000	-12.000	.000	LREF	19.2299	19.23	INCHES
										BREF	37.9359	37.94	INCHES
										XMRP	43.5974	43.60	INCHES
										YMRP	.0000	.00	INCHES
										ZMRP	15.1875	15.19	INCHES
										SCALE	.0405	.04	INCHES

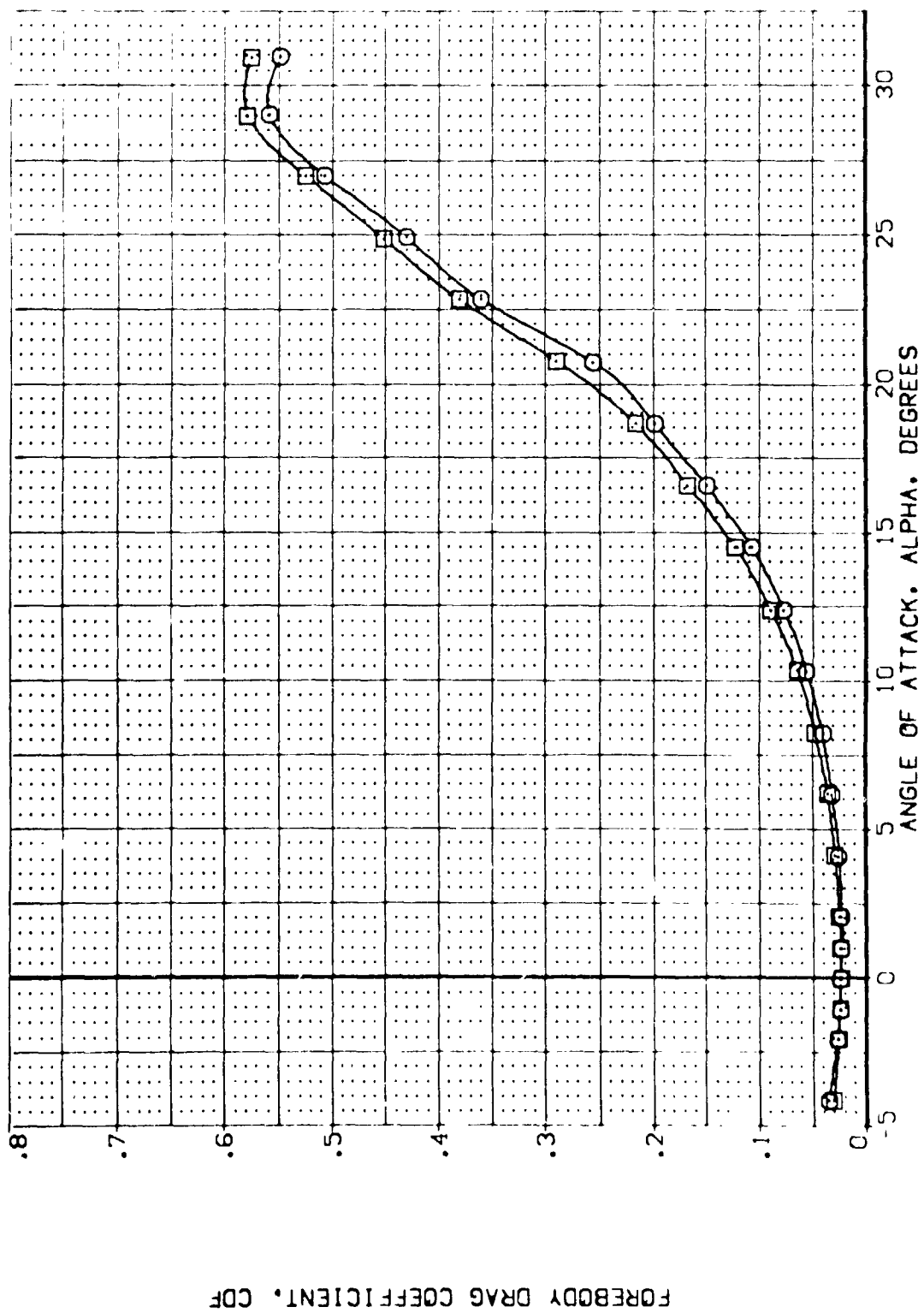


FIG 104 EFFECT OF QMS PODS ON LONGITUDINAL STABILITY, 0 DEG FLARE, ELEVON = 0

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDDER	REFERENCE INFORMATION
(802228)	04628 B26C9 M7F0 W116E28V85X9	.000	.000	-12.000	.000	SRF 4.4119 SQ.FT.
(802303)	04628 B26C9 F8 W116E28V85X9	.000	.000	-12.000	.000	LRF 19.2299 INCHES
						BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .04CS

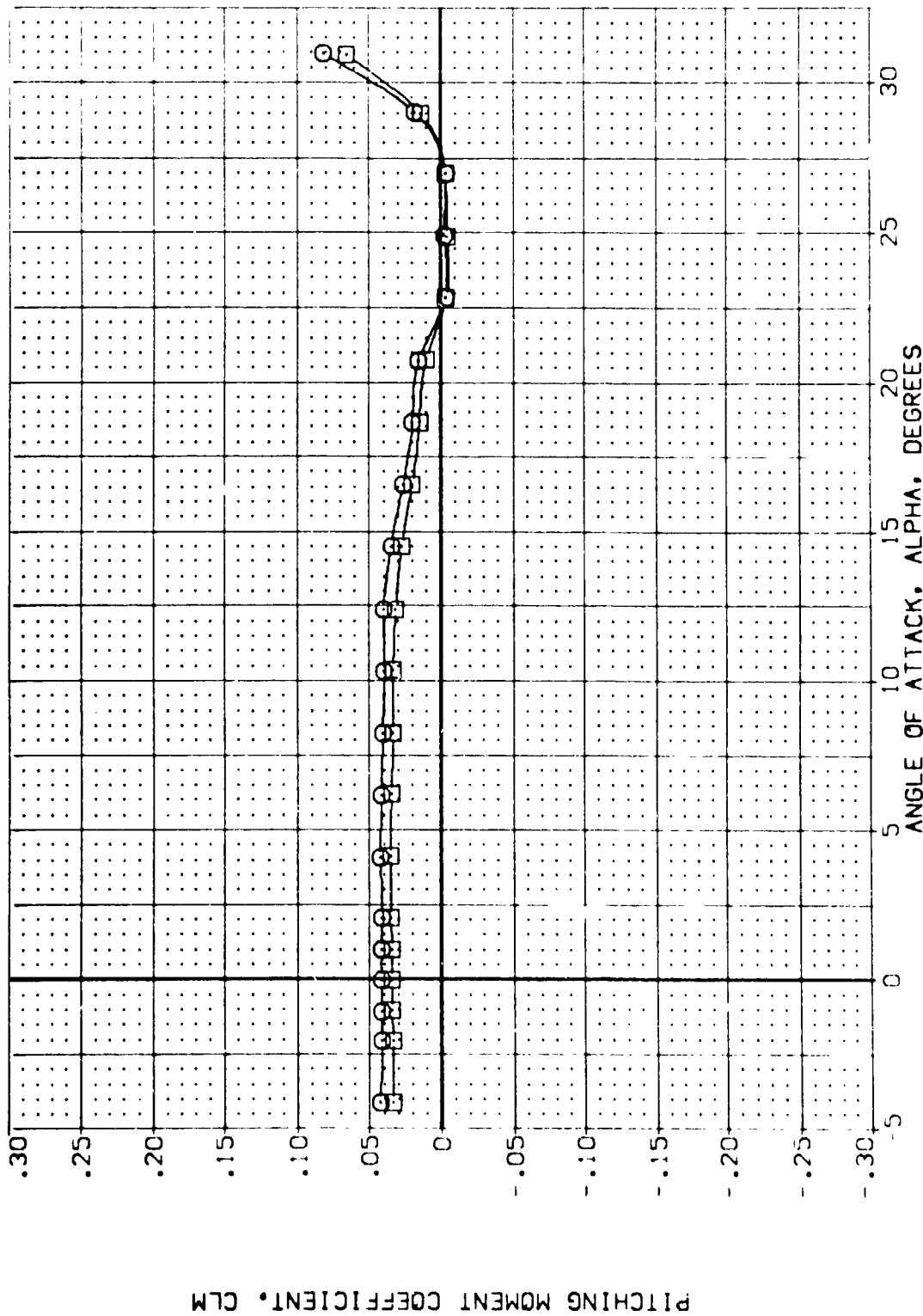


FIG 104 EFFECT OF OMS PODS ON LONGITUDINAL STABILITY, 0 DEG FLARE, ELEVON = 0
 (ADMACH = .20) PAGE 1167

DATA SET SYMBOL: 04528 826C9 M758 V11628V8R5X9
 (807228) 04528 826C9 F8 V11628V8R5X9

ELEVON SPOBRK BOFLAP RUDDER REFERENCE INFORMATION:
 SREF 4.4119 SCFT
 LREF 9.2799 INCHES
 XMRP 37.9359 INCHES
 YMRP 43.5974 INCHES
 ZMRP .0000 INCHES
 SCALE 15.1875 INCHES
 SCALE .0405

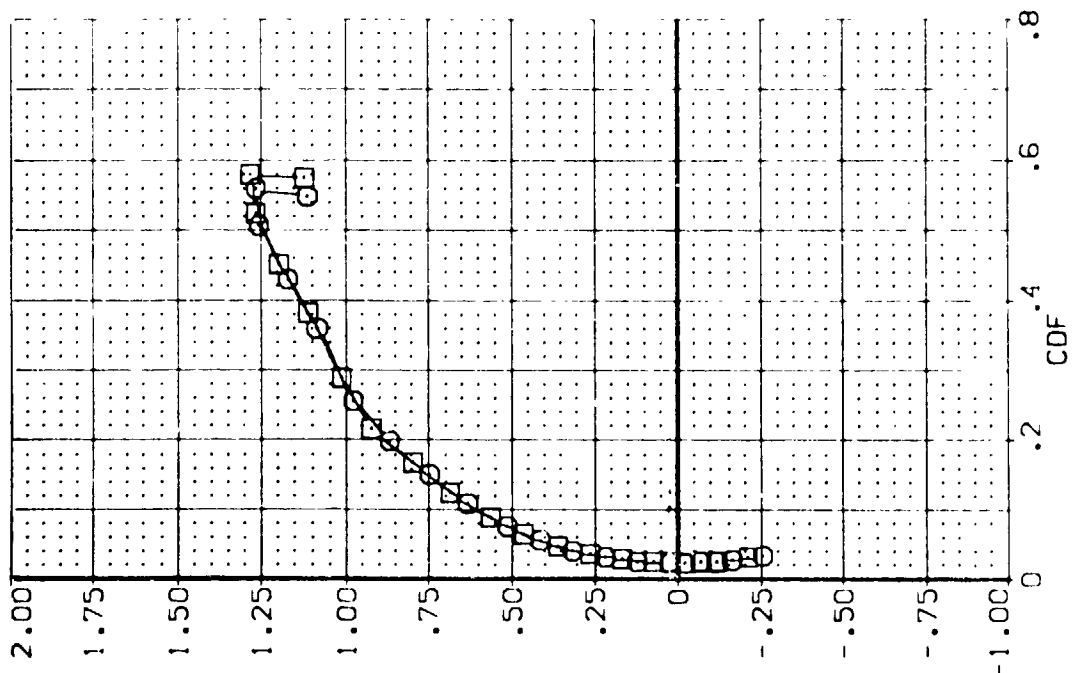
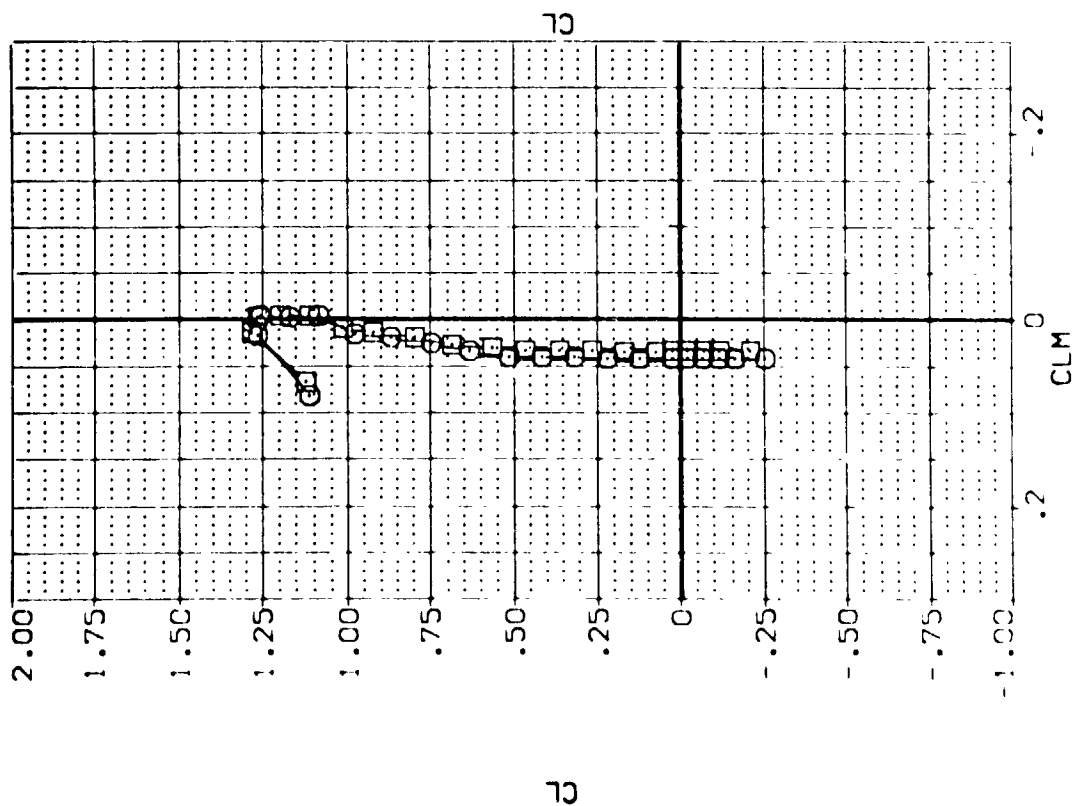


FIG 104 EFFECT OF OMS PODS ON LONGITUDINAL STABILITY, 0 DEG FLARE, ELEVON = 0
 (A)MAC .20 PAGE 1168

DATA SET SYMBOL: (802228) (802303) CONFIGURATION DESCRIPTION: 0A628 B26C8 MT 8 V116E28V8P5X9 0A628 B26C8 MT 8 V116E28V8P5X9

ELEVON		SPDRBK		BOLAP		RDOOR		REFERENCE INFORMATION	
SREF	4.4119	SC.FT.							
LREF	19.2298	INCHES							
BREF	37.9369	INCHES							
XMRP	43.5874	INCHES							
YMRP	.0000	INCHES							
ZMRP	15.1875	INCHES							
SCALE	.0405	SCALE							

LONGITUDINAL CENTER OF PRESSURE LOCATION, XCP/L, FRACTION BODY LENGTH

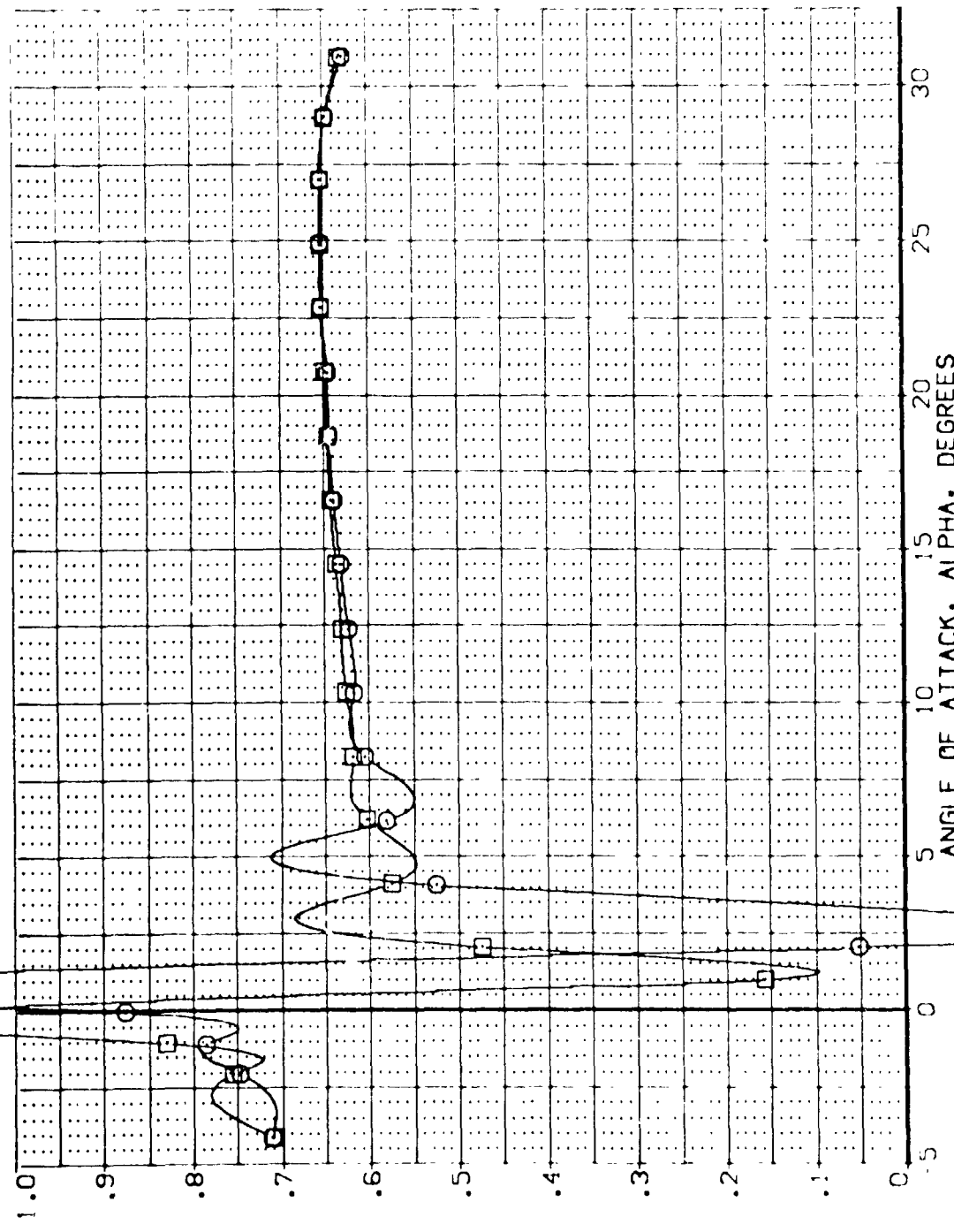


FIG 104 EFFECT OF QMS PODS ON LONGITUDINAL STABILITY, 0 DEG FLARE, ELEVON = 0
CASMACH .20
PAGE 1169

DATA SET SYMBOL (BD2228) (BD2303) CONFIGURATION DESCRIPTION M78 V116E28V8P5A9 F8 V116E28V8P5A9

ELEVON SPOBRK BDFLAP RUDDER

SREF 4.419 50 FT
LREF 19.2299 INCHES
BREF 37.9359 INCHES
XMRP 43.5974 INCHES
YMRP .0000 INCHES
ZMRP 15.1875 INCHES
SCALE .0405 SCALE

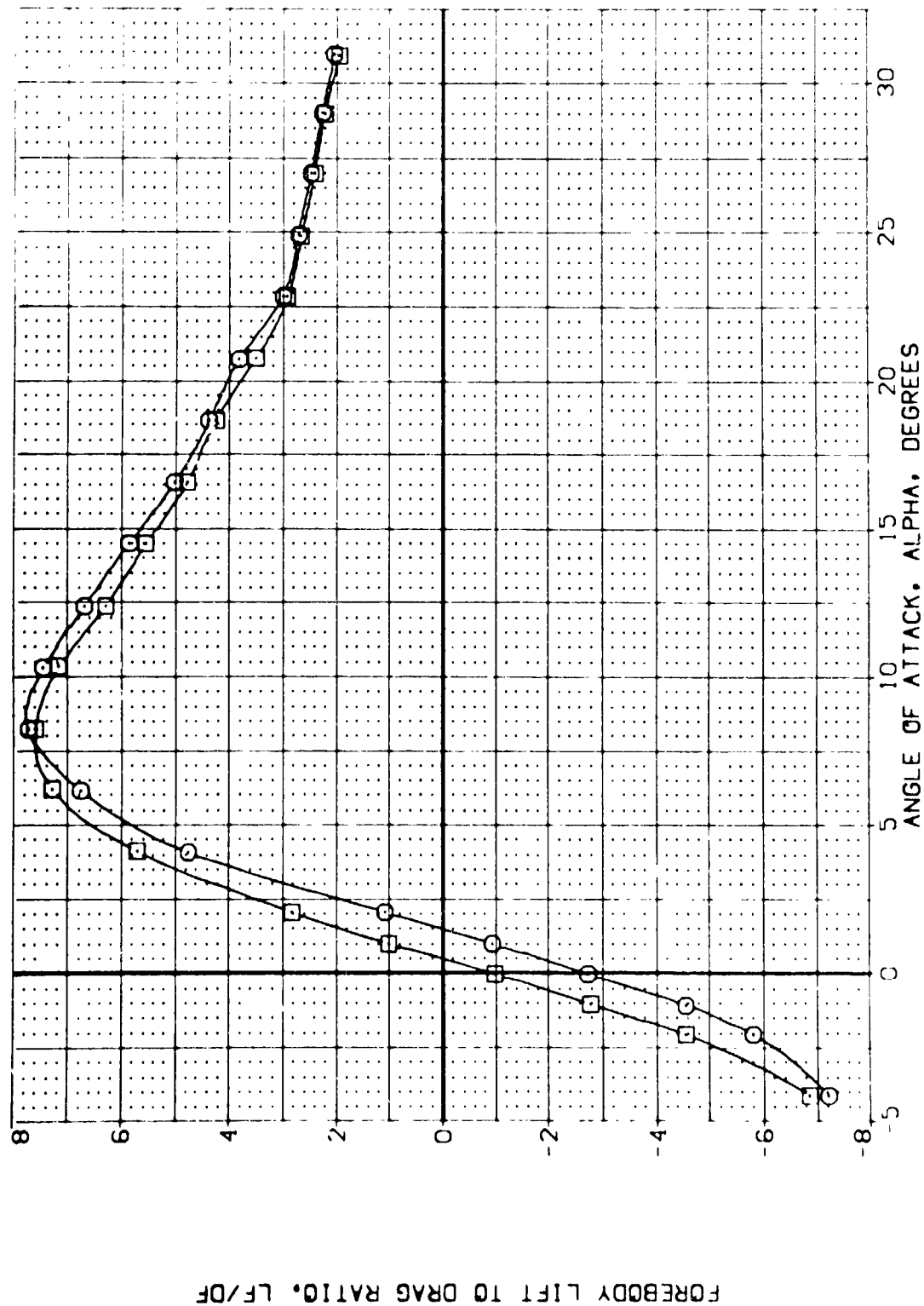


FIG 104 EFFECT OF OMS PODS ON LONGITUDINAL STABILITY, 0 DEG FLARE, ELEVON = 0
(A)MAC= .20

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		REFERENCE INFORMATION	
(R07279)	QAS28	B26C9	M7F8	V116E28VBR5X9	SREF 4.4119 SQ.FT.
(R07304)	QAS28	B26C9	F8	V116E28VBR5X9	LREF 19.2798 NC+FS
					BREF 37.9358 NC+FS
					XMRP 43.5874 NC+FS
					YMRP .0000 NC+FS
					ZMRP 15.1875 NC+FS
					SCALE .04CS

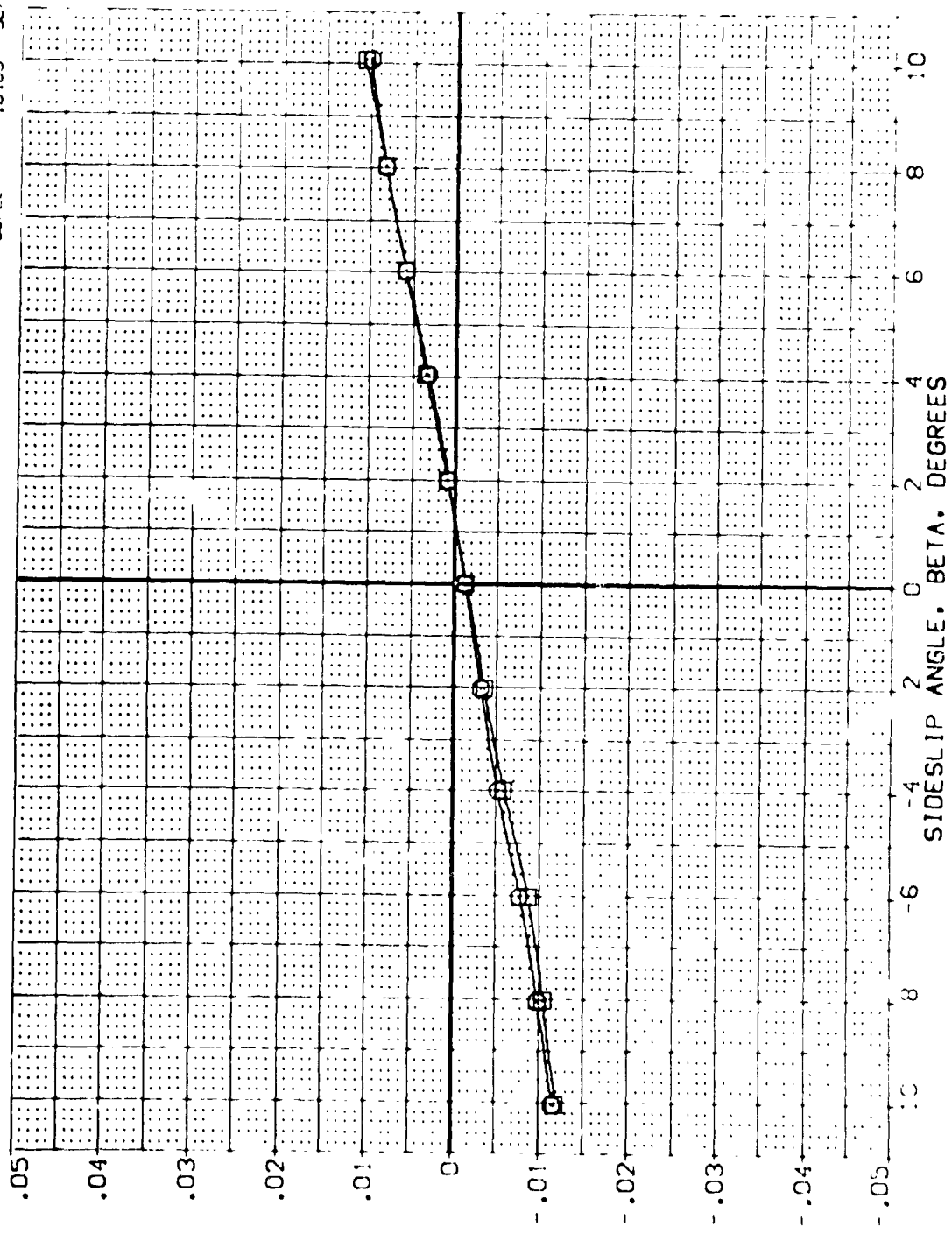


FIG 105 EFFECT OF QMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 0
 (ADMAG) .20 PAGE 117

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (R07229) □ 04528 B05C9 M758 V115E28V805X9
 (R07234) □ 04529 B26C9 F8 V115E28V805X9

ALPHA RUDDER SPEEDK AIRRON
 .000 .000 .000 .000
 .000 .000 .000 .000

REFERENCE INFORMATION
 SREF 4.4119 SQ.FT.
 LREF 19.2229 NC+ES
 BREF 37.9359 NC+ES
 YMRP 43.5974 NC+ES
 ZMRP .0000 NC+ES
 SCALE 15.1875 NC+ES
 SCALE .0405

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

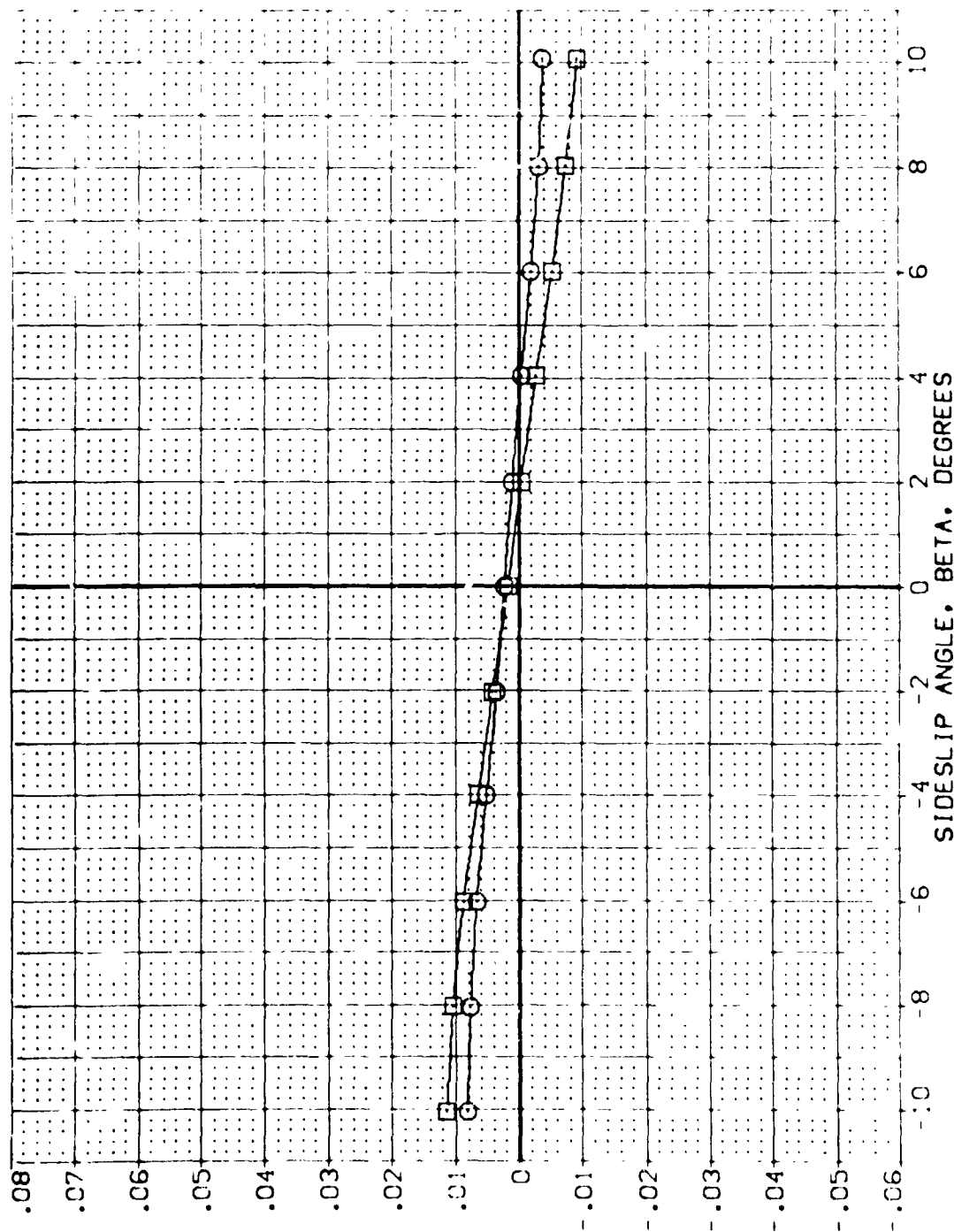
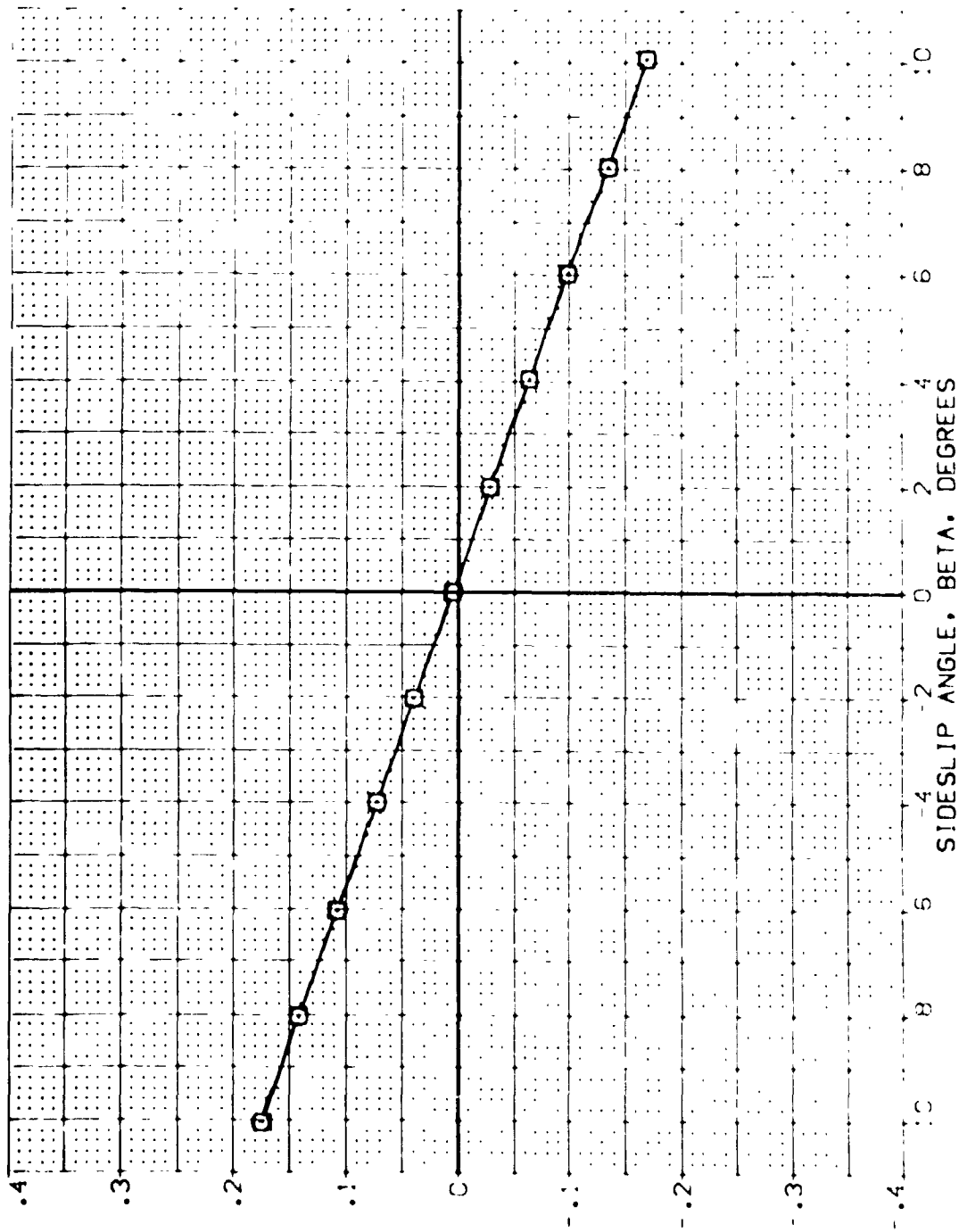


FIG 105 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 0

(A)YAC - .23

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AIRLON	REFERENCE INFORMATION
(R02229)	0A628 876C9 M78 8 V115E 28V8R5X9	.000	.000	.000	.000	SREF 4.4119 SCF1
(R02304)	0A628 876C9 F8 V115E 28V8R5X9	.000	.000	.000	.000	LRFF 19.2299 NC4S
						BRFF 37.9359 NC4S
						XMRP 43.5974 NC4S
						YMRP .0000 NC4S
						ZMRP 15.1875 NC4S
						SCALE .0425 SCALE



SIDE FORCE COEFFICIENT, CY

FIG 105 EFFECT OF CMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 0

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDEN	SPDRK	AIRION	REFERENCE INFORMATION
(R0120)	DAS28 B26C9 M718 V116E28V8P5X9	5.000	.000	.000	.000	SREF 4.4119 SO.11
(R0130S)	DAS28 B26C9 M718 V116E28V8P5X9	5.000	.000	.000	.000	REF 19.2299 NCES
						BREF 37.9369 NCES
						XREF 43.5874 NCES
						YREF .0000 NCES
						ZREF 15.1875 NCES
						SCALE .0105

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

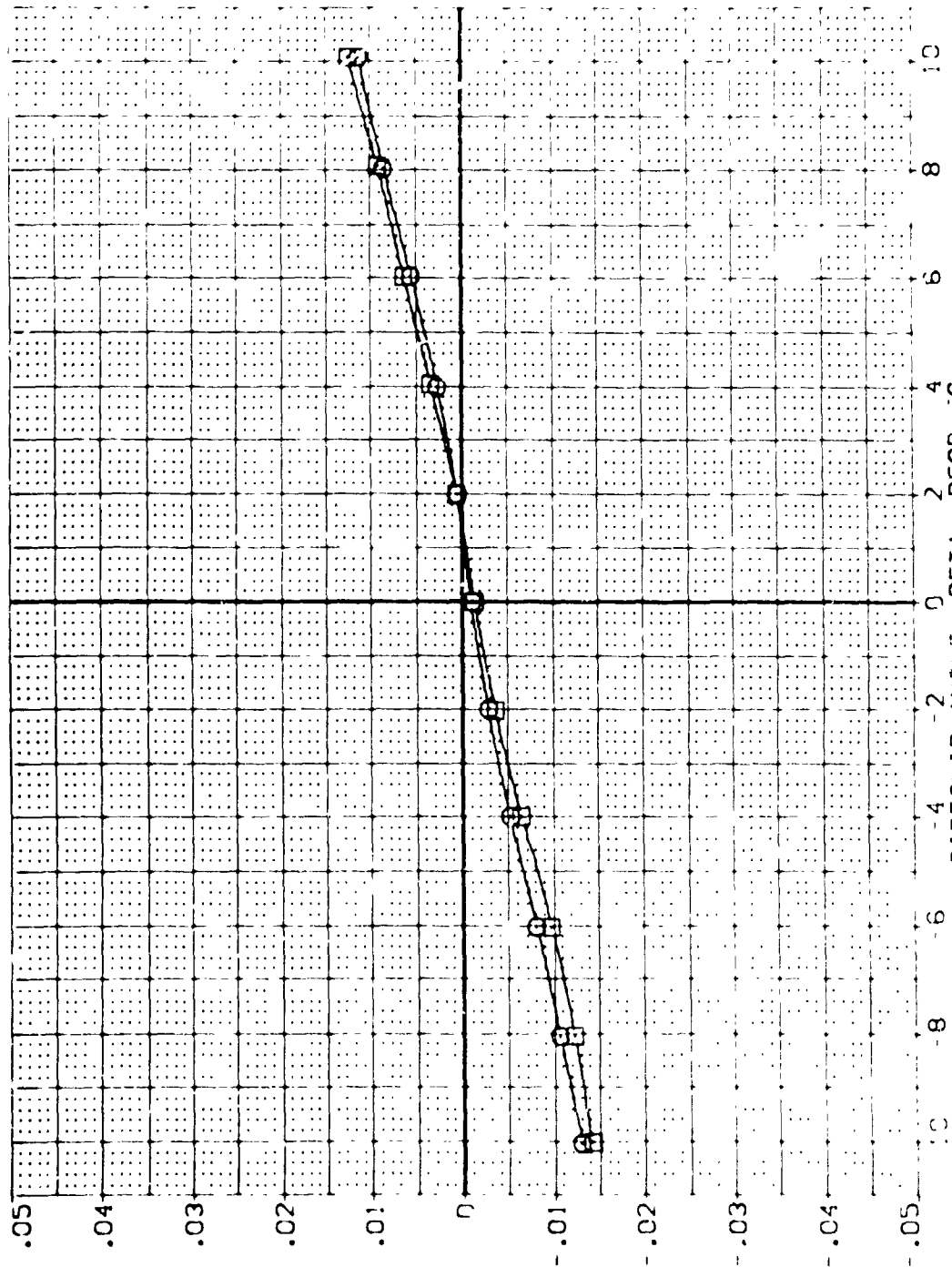
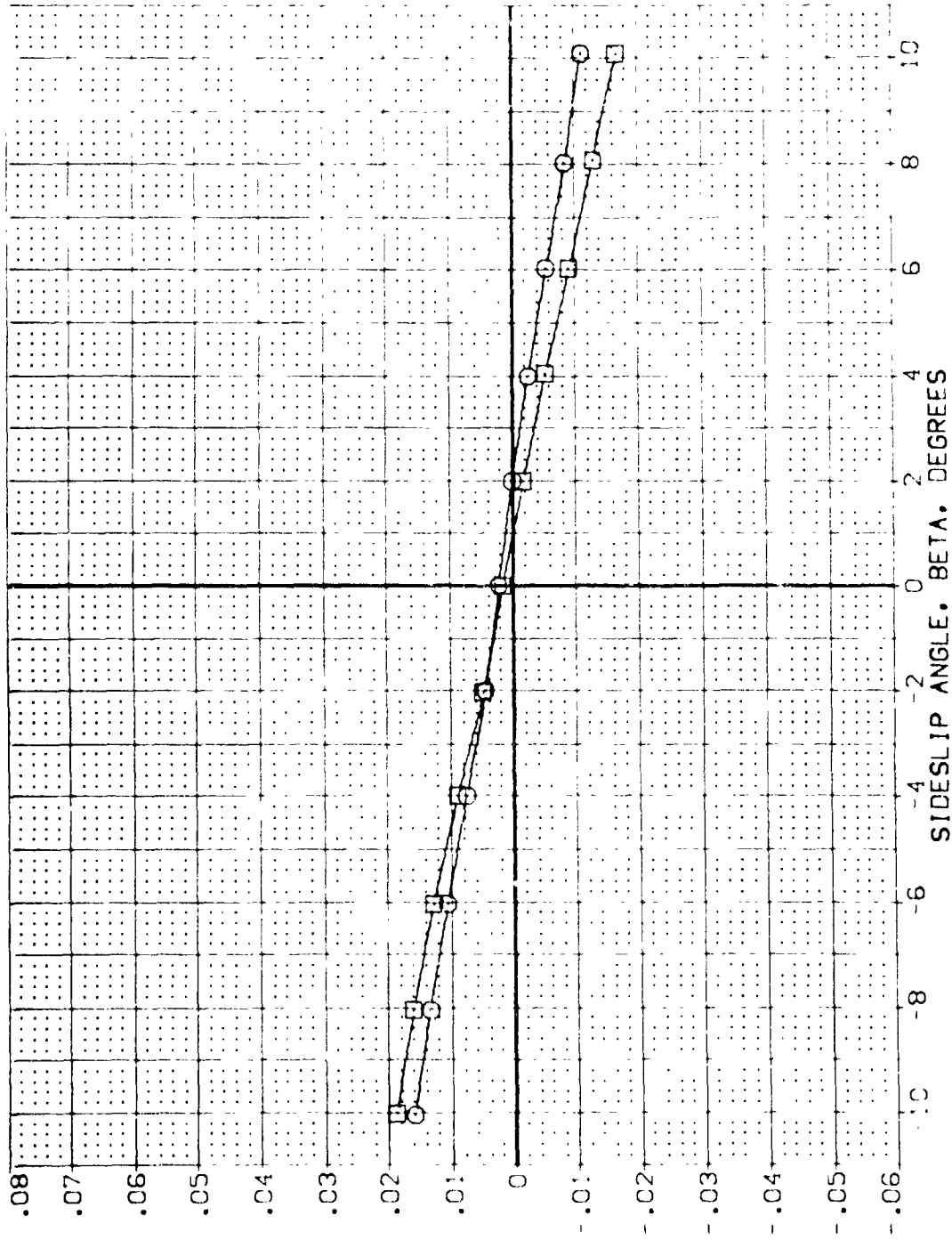


FIG 106 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 5
(ADMAC) .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION
(R02230)	0A628 B26C9 M7F8 V116E28V8R5X9	5.000	.000	.000	.000	SREF 4.4119 SC.FT.
(R02275)	0A628 B26C9 F8 V116E28V8R5X9	5.000	.000	.000	.000	SRF 19.2298 INCHES
						BRF 37.9359 INCHES
						YMRP 43.5974 INCHES
						ZMRP .0000 INCHES
						SCALE 15.1875 INCHES
						SCALE .0405



ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

FIG 106 EFFECT OF 0MS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 5
(A) MAC = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (RDZ230) 01628 B26C9 M7E8 V116E28V6R5X9
 (RDZ305) 01628 B26C9 FB V115E28V6R5X9

ALPHA RUDDER SPOILER AILRON
 5.000 .000 .000 .000
 5.000 .000 .000 .000

REFERENCE INFORMATION
 SREF 4.4119 SCF1
 LREF 19.2298 SCF2
 BREF 27.9355 SCF3
 XREF 43.5974 SCF4
 YREF .0000 SCF5
 ZREF 15.1875 SCF6
 SCALE .0425

SIDE FORCE COEFFICIENT, CY

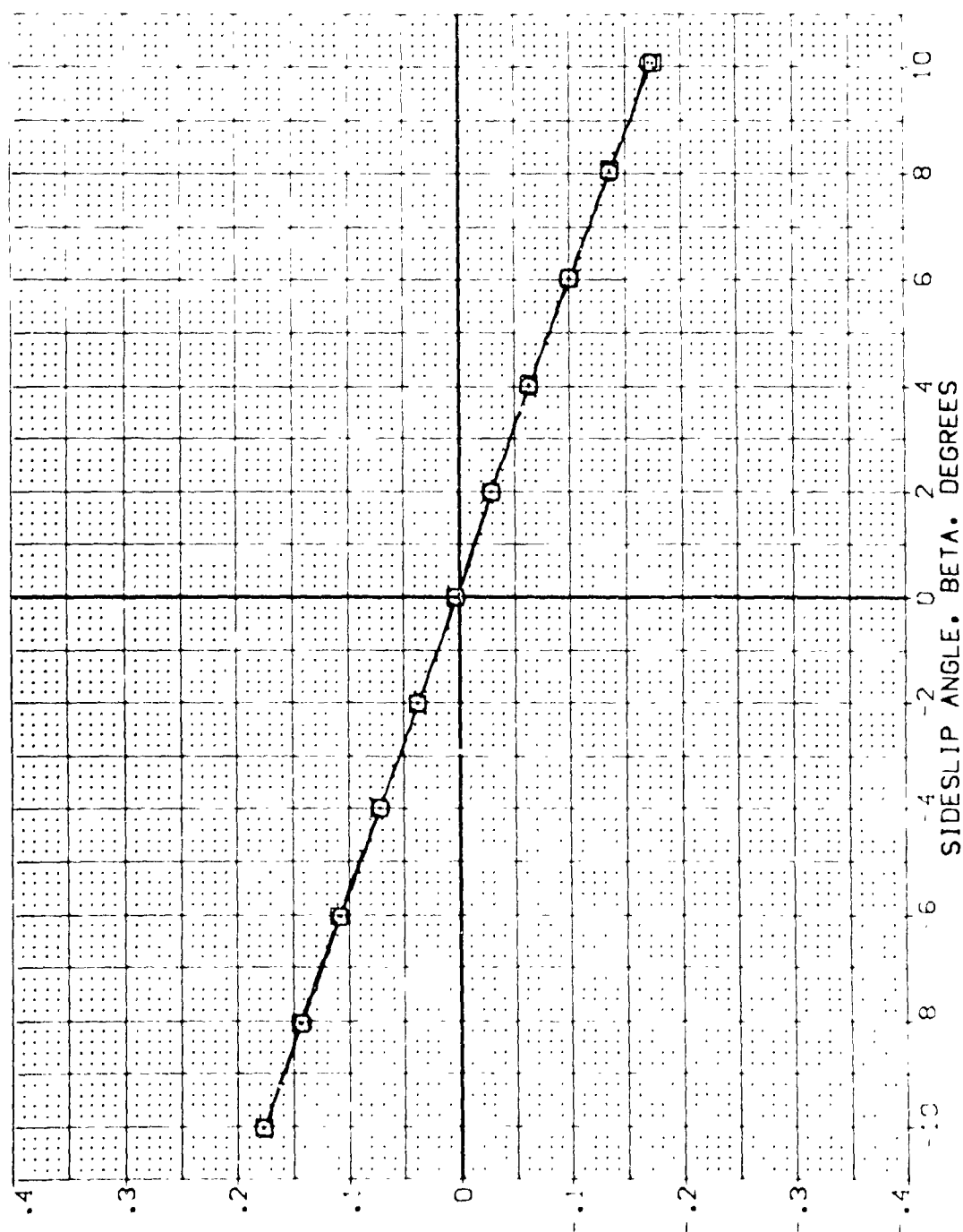


FIG 106 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 5
 (A)MAC - .20 PAGE 117F

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDRK	AIRDRN	REFERENCE INFORMATION
(R02231)	0A628 B26C9 M7F8 V116E28V8P5X9	10.000	.000	.000	.000	SREF 4.4119 SQ.FT.
(R02306)	0A628 B26C9 F8 V116E28V8P5X9	10.000	.000	.000	.000	LREF 19.2298 INCHES
						BREF 37.9359 INCHES
						XREF 43.5574 INCHES
						YREF .0000 INCHES
						ZREF 15.1875 INCHES
						SCALE .0405

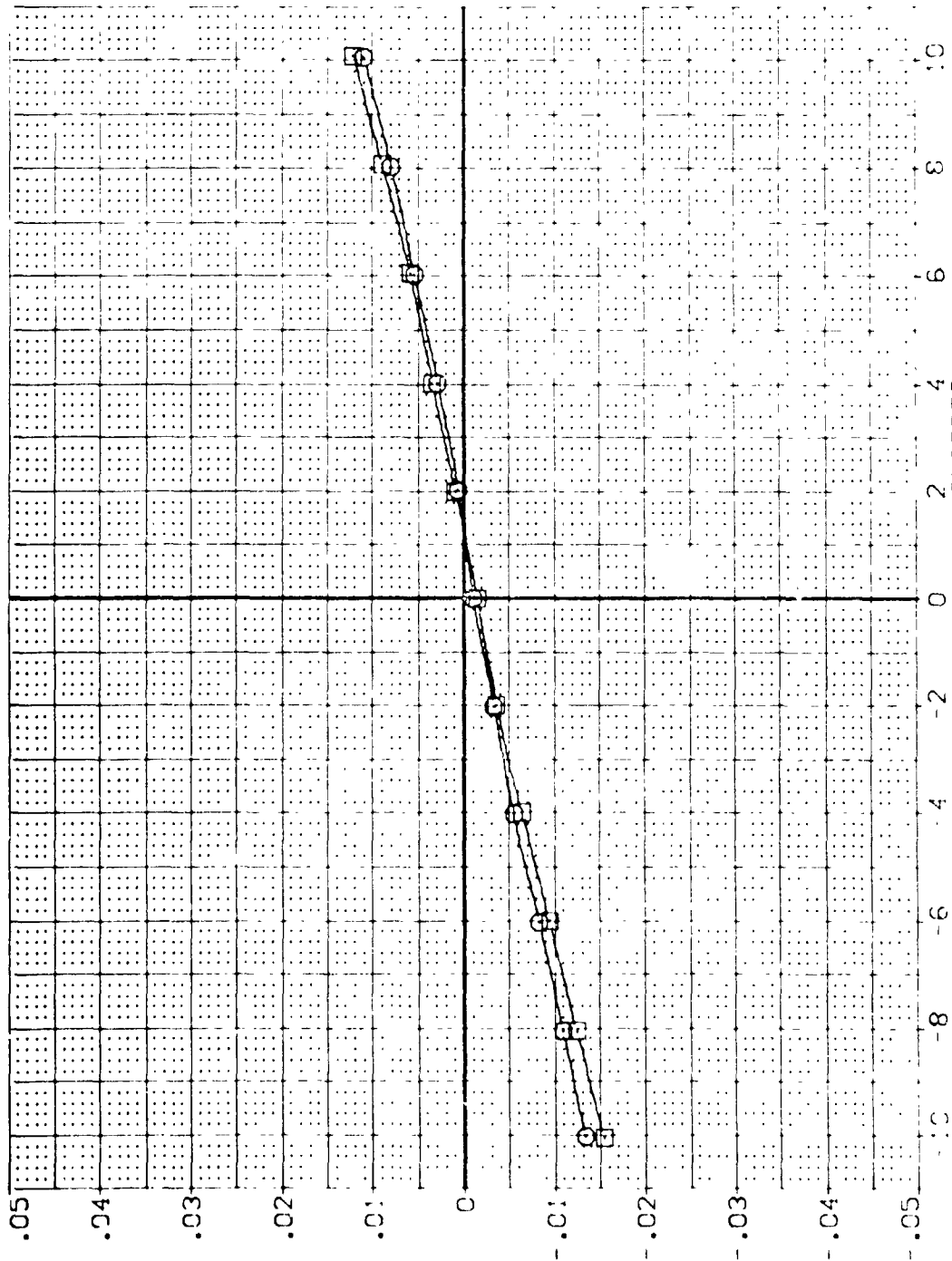
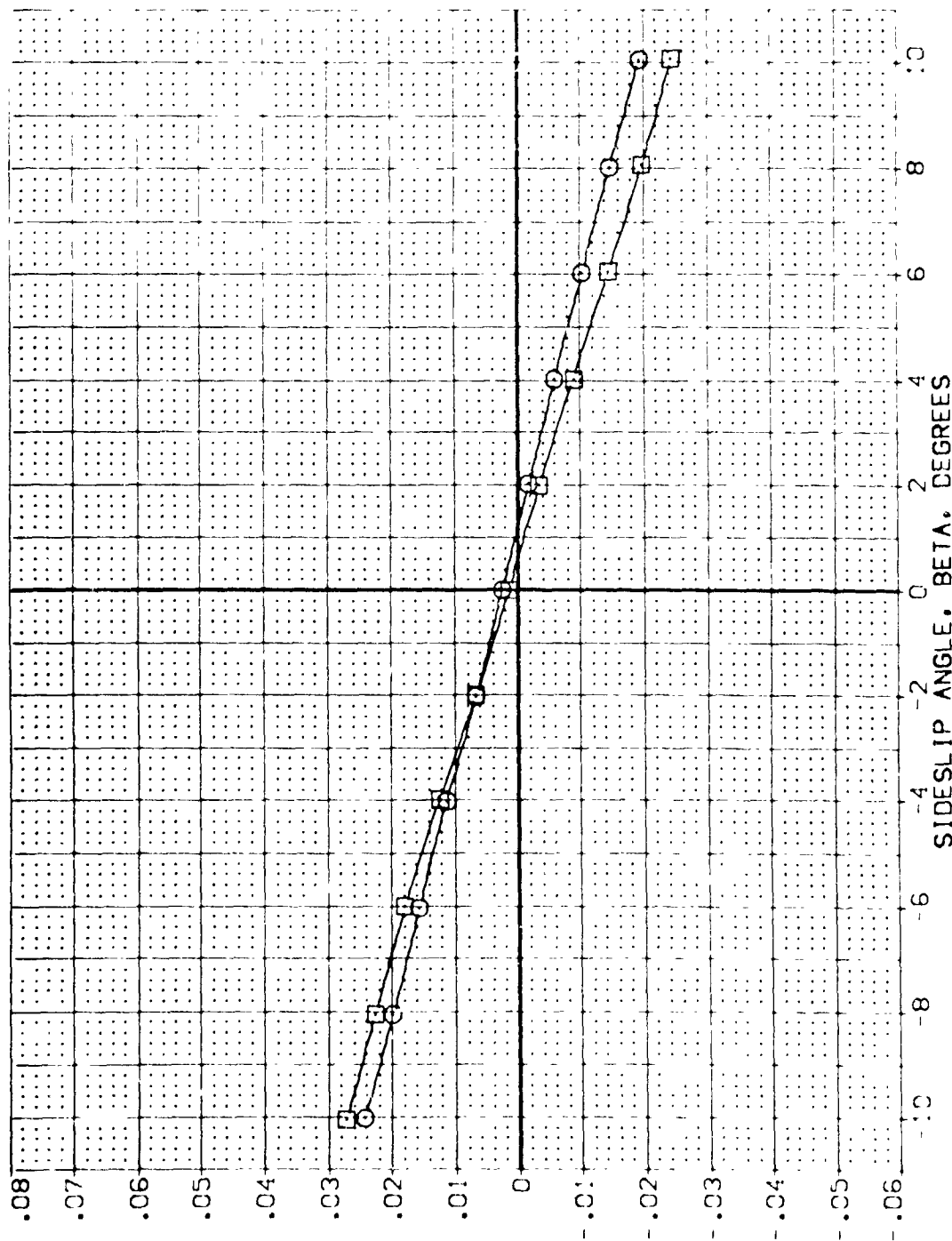


FIG 107 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 10

DATA SET SYMBOL: (R02231) (R02306) CONFIGURATION DESCRIPTION: M7FB M11SE28V8RSX9 F8 M11SE28V8RSX9

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION
(R02231)	M7FB	10.000	.000	.000	.000	SREF 4.4119 SQ.FT
(R02306)	F8	10.000	.000	.000	.000	WREF 19.2298 INCHES
						BREF 37.9359 INCHES
						XREF 43.5974 INCHES
						YREF .0000 INCHES
						ZREF 15.1875 INCHES
						SCALE .0405



ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

FIG 107 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 10

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AIRLON	REFERENCE INFORMATION
(RD2731)	0A628 B26C9 M7F8 V116E28V895X8	10.000	.000	.000	.000	SREF 4.4119 SCALF
(RD2306)	0A628 B26C9 F8 V116E28V395X8	10.000	.000	.000	.000	LREF 19.2298 NCLES
						BREF 37.9359 NCLES
						XMRP 43.5974 NCLES
						YMRP .0000 NCLES
						ZMRP 15.1875 NCLES
						SCALE .0405

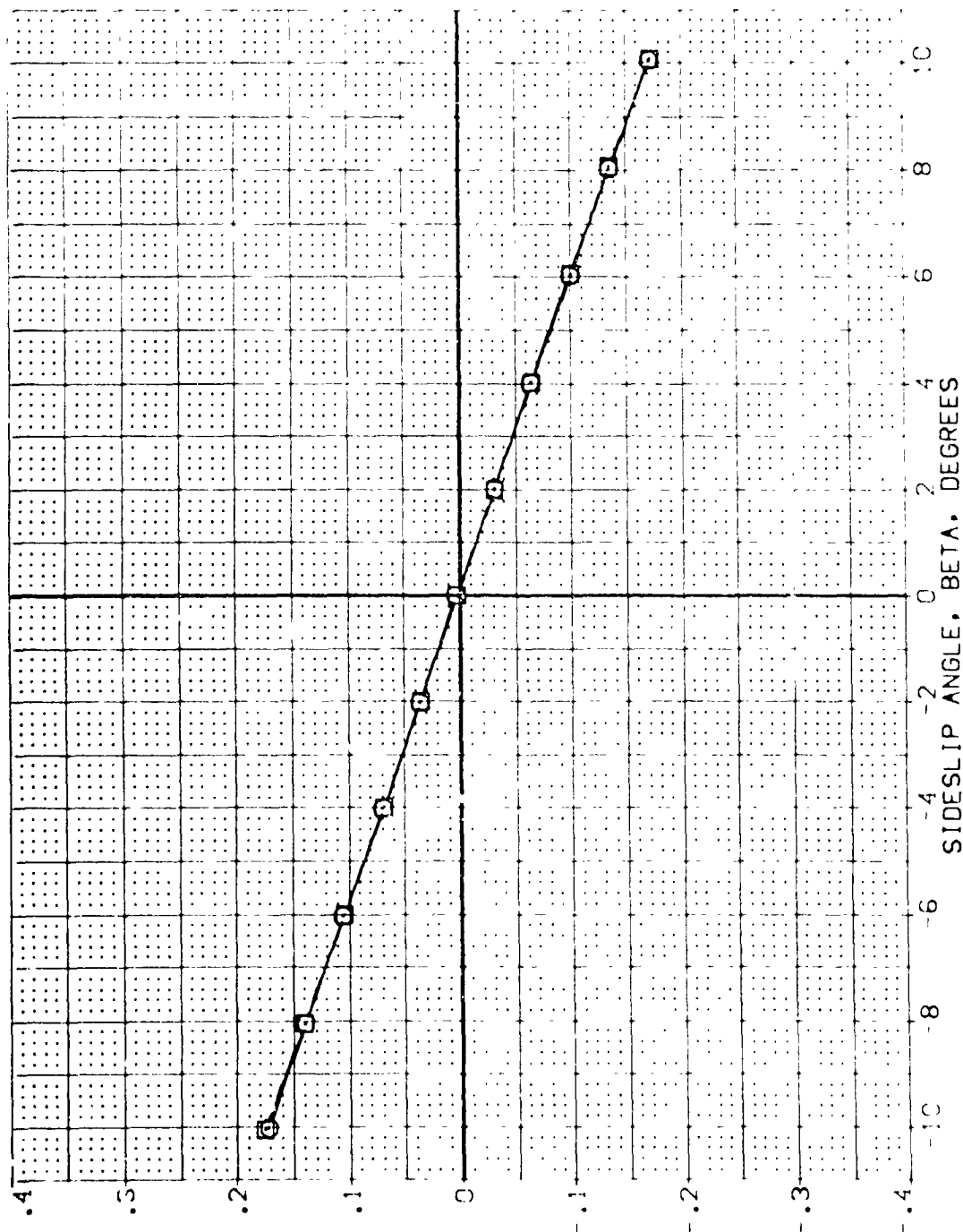


FIG 107 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 10

DATA SET SYMBOL: COMBINATION DESCRIPTION
 (R07232) DA628 B76C9 M778 V||6E28V895X9
 (R07307) DA628 B76C9 F8 V||6E28V895X9

ALPHA RUDDER SPDRBK ALLRON
 15.000 .000 .000 .000
 15.000 .000 .000 .000

REFERENCE INFORMATION
 SREF 4.4119 SQ.FT.
 LREF 19.2299 INCHES
 BREF 37.9359 INCHES
 XMRD 43.5974 INCHES
 YMRD .0000 INCHES
 ZMRD 15.1875 INCHES
 SCALE .0405

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

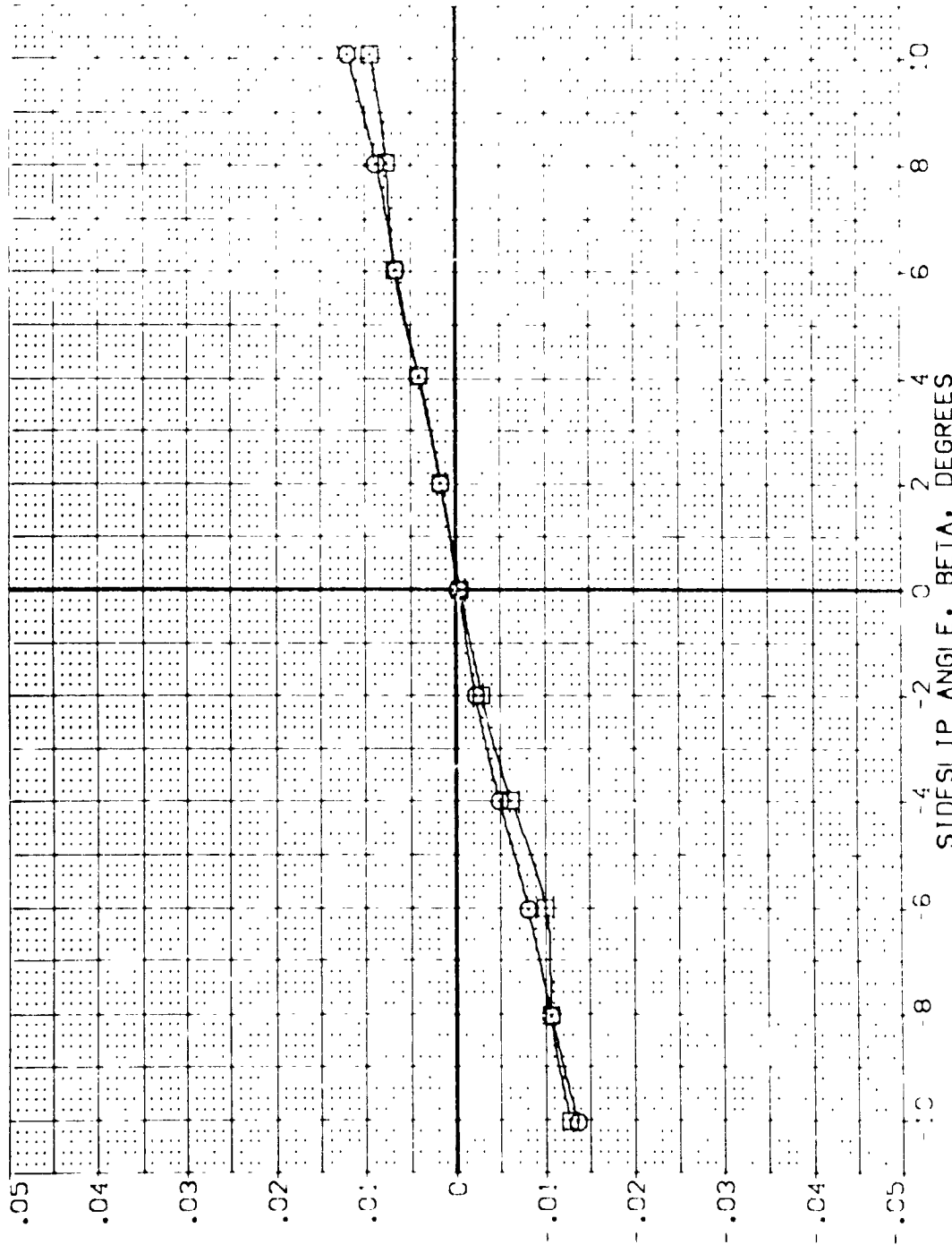
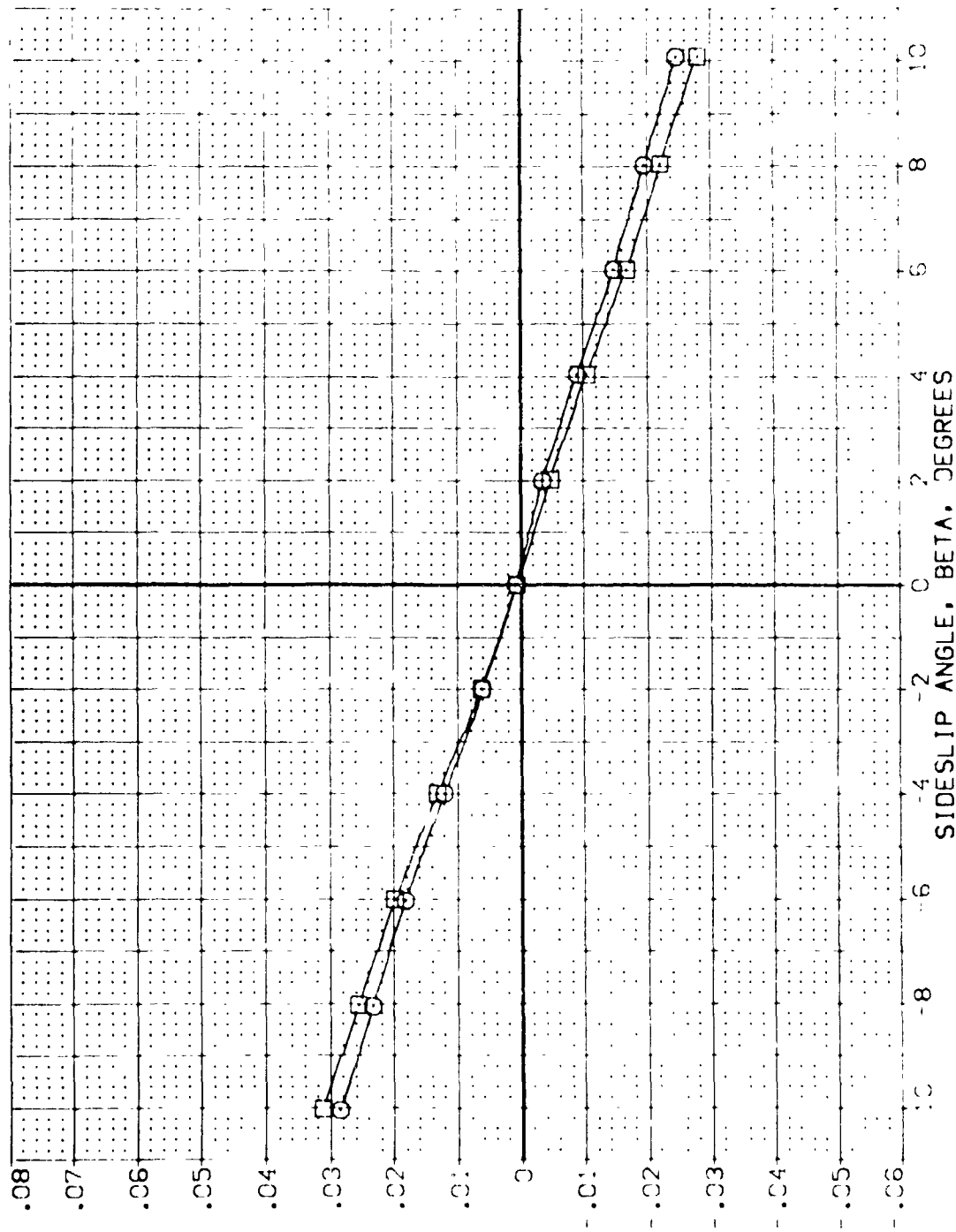


FIG 108 EFFECT OF CMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 15

(A) MAC. .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	FLUDER	SPODBK	AIRLON	REFERENCE INFORMATION
(R02732)	0A628 826C9 M7F8 V1162.28V8F5X9	15.000	.000	.000	.000	SREF 4.4119 SQ.FT.
(R027307)	0A628 826C9 ?8 V1162.28V8F5X9	15.000	.000	.000	.000	LREF 19.2799 INCHES
						BREF 37.9359 INCHES
						XMR0 43.5974 INCHES
						YMR0 .0000 INCHES
						ZMR0 15.1875 INCHES
						SCALE .0405 SCALE



ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

FIG 108 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 15

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOILER	AILERON	REFERENCE INFORMATION
(102232)	DA628 B26C9 MTFB V116E28V895X9	15.000	.000	.000	.000	SREF 4.4119 SQ.FT.
(102307)	DA628 B26C9 FB V116E28V895X9	15.000	.000	.000	.000	LREF 19.2299 INCHES
						BREF 37.9359 INCHES
						XMRP 43.5571 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405

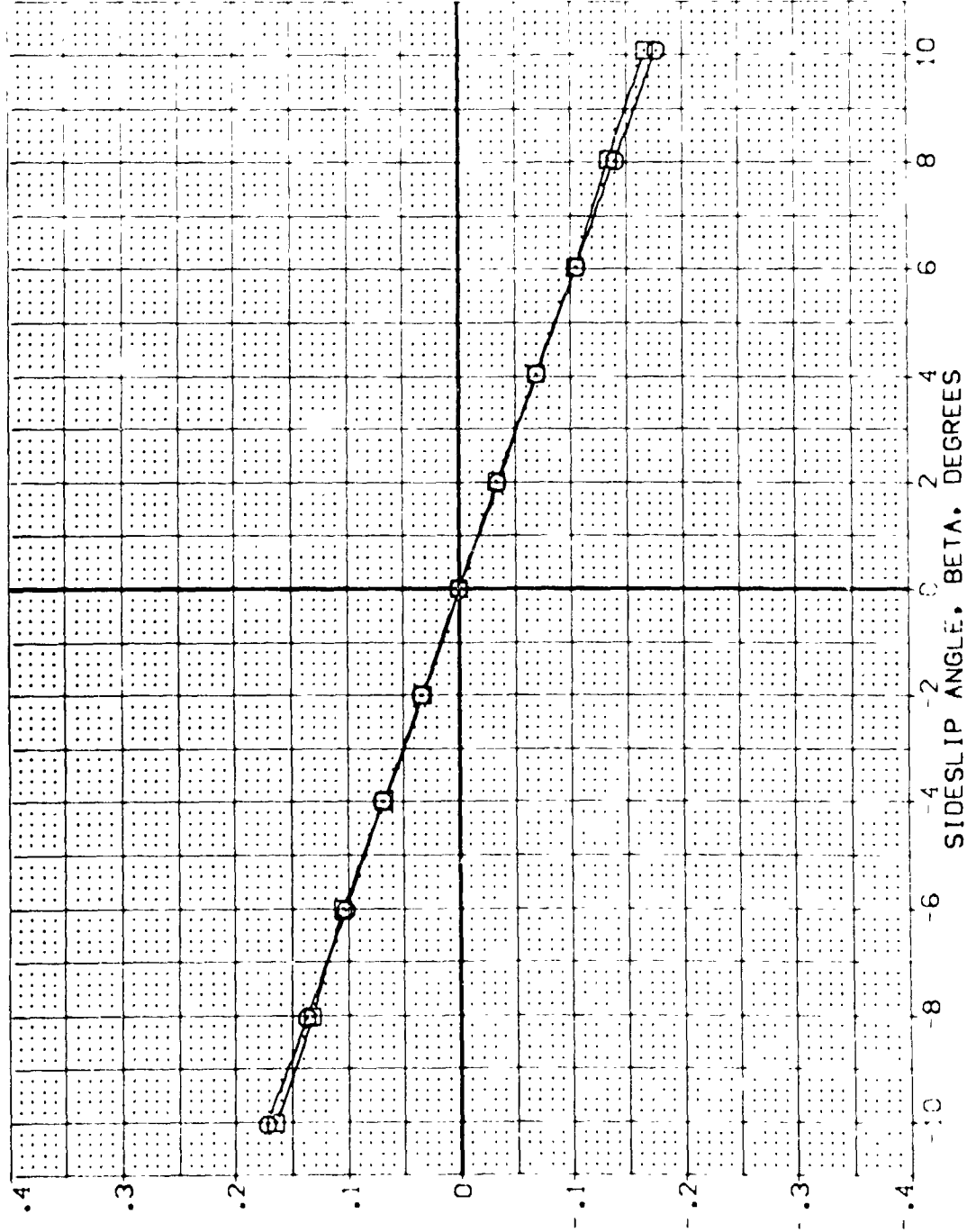


FIG 108 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 15
 (A)WACR .20 PAGE 1182

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		REFERENCE INFORMATION	
(R07233)	Q	0A628	B26C9	M7F8	V116E28V8R5X9
(R07308)	Q	0A628	B26C9	F8	V116E28V8R5X9
				ALPHA	RUDER
				20.000	.000
				20.000	.000
				SPDBRK	AILRON
				.000	.000
				.000	.000
				SRFF	4.4119
				SRFF	19.2799
				BRFF	37.9359
				BRFF	43.5974
				YMRP	.0000
				YMRP	.0000
				ZMRP	15.1875
				SCALE	.0105
					INCHES
					INCHES
					SOFT

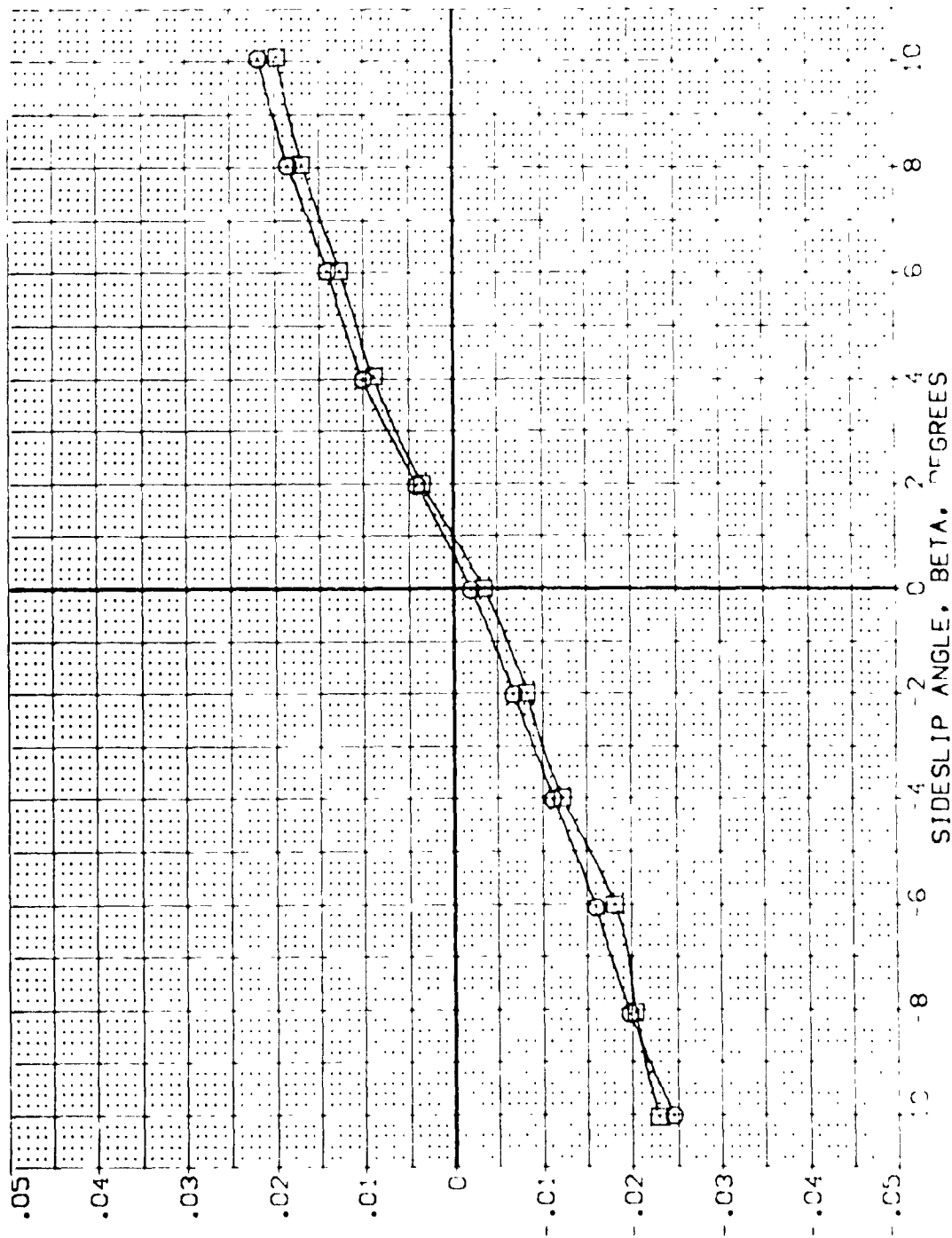
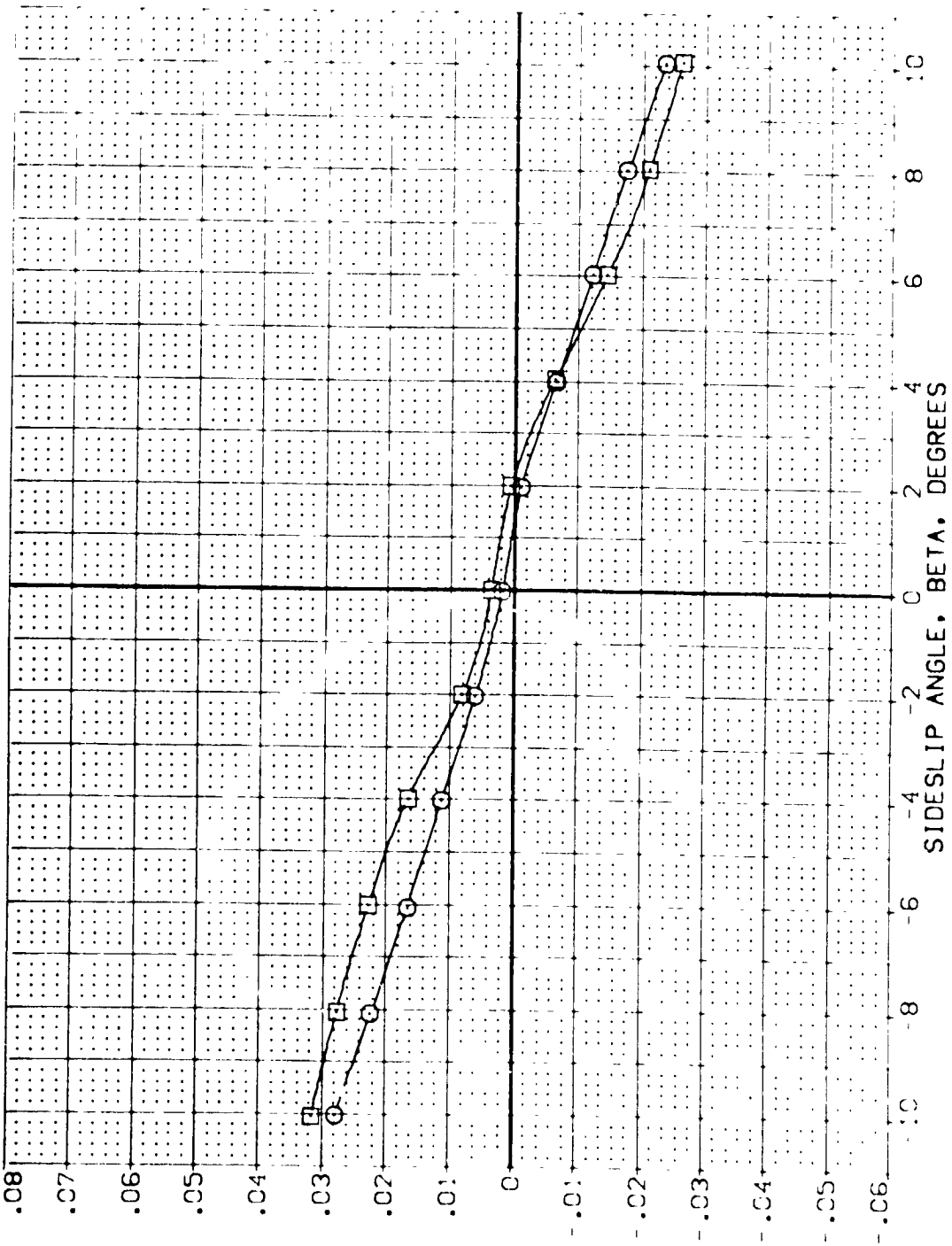


FIG 109 EFFECT OF 0MS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 20
 (A) MAC: .20
 PAGE 1183

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA		RUDDER		SPDRBK		AILRON		REFERENCE INFORMATION	
(R07233)	(R07308)	DA628	B26C9	M7F8	W11GE28VBRDAX9	20.000	.000	.000	.000	.000	.000	SREF	4.4119
		DA628	B26C9	F8	W11GE28VBRDAX9	20.000	.000	.000	.000	.000	.000	LREF	19.2299
												BREF	37.9359
												XREF	43.5674
												YREF	.0000
												ZREF	15.875
												SCALE	.0405



ROLLING MOMENT COEFFICIENT, CRL (BODY AXIS)

FIG 109 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 20
 (A)MAC .20
 PAGE 1184

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION
[R07233]	DA628 B76C9 M/FB V116E28V8F5X9	20.000	.000	.000	.000	SREF 4.4119 SQ.FT.
[R07308]	DA628 B76C9 FB V116E28V8F5X9	20.000	.000	.000	.000	LREF 19.2299 INCHES
						BREF 37.5359 INCHES
						YMRP 43.5974 INCHES
						ZMRP 15.0000 INCHES
						SCALE 15.0000 INCHES

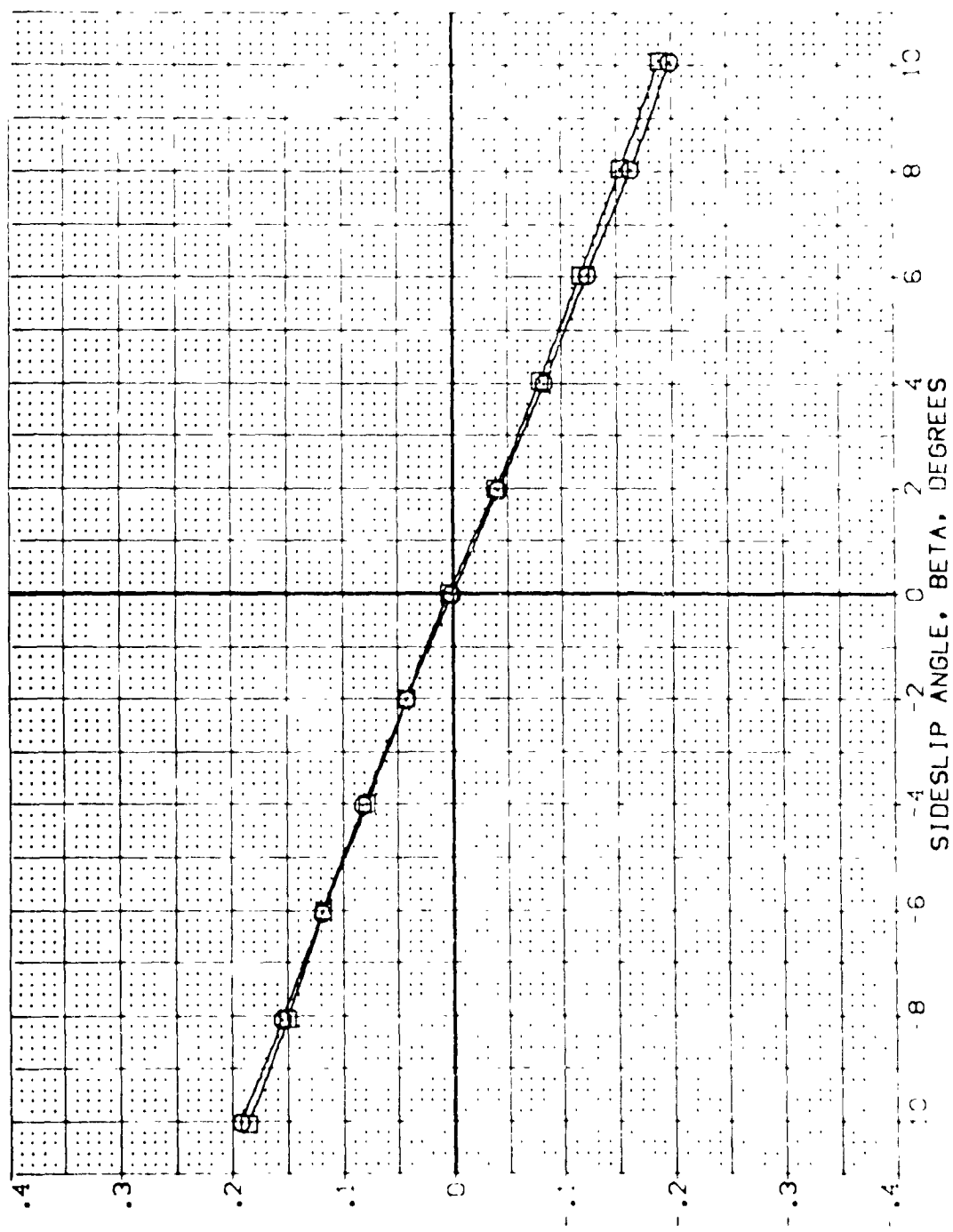


FIG 109 EFFECT OF OMS PODS ON LATERAL-DIRECTIONAL ST., 0 DEG FLARE, ALPHA = 20
 (ADWAC) .20 PAGE 1185

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATION	SPOILER	BOFLAP	FLAP	REFERENCE INFORMATION
(802240)	0A628 B26C9 M7E8 V11E28V80E3X9	.000	25.000	-12.000	.000	SREF 4.4119 50.00
(802314)	0A628 B26C9 M7E8 V12E28V80E3X9	.000	25.000	-12.000	.000	REF 19.2798 50.00
						BRF 37.9333 50.00
						YREF 43.9874 50.00
						ZREF .0000 50.00
						SCALE 15.1875 50.00
						SCALE .0405 50.00

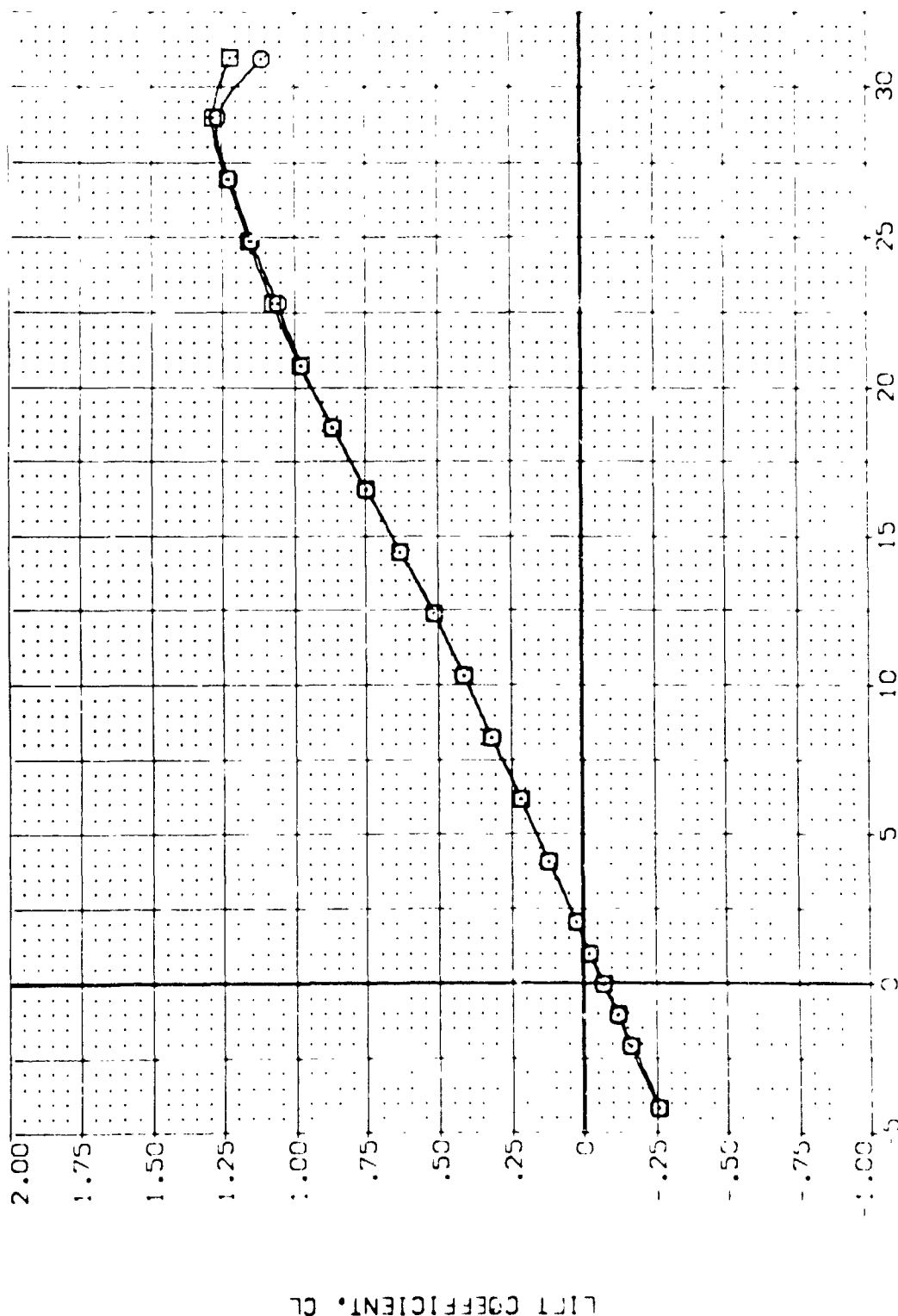


FIG 110 EFFECT OF ELLIPTICAL WING LE ON LONGITUDINAL STABILITY, 25 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDER	REFERENCE INFORMATION
(B02240)	BAS28 B05C9 M778 V11EE 28V8R5X9	.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT.
(B02314)	CAG28 B05C9 M778 V12EE 28V8R5X9	.000	25.000	-12.000	.000	LREF 19.2299 INCHES
						BREF 37.9259 INCHES
						XMRP 43.5974 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0105

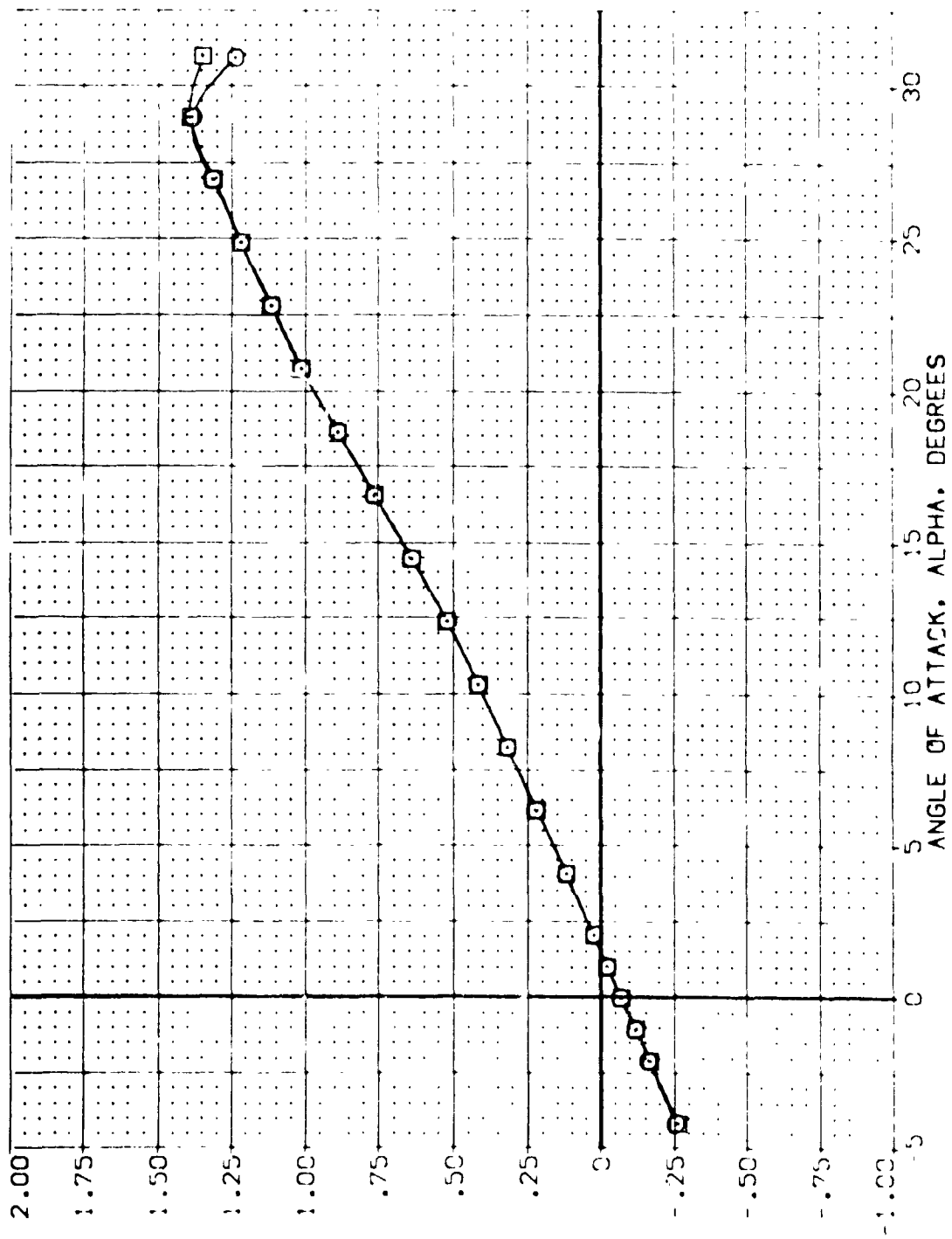


FIG 110 EFFECT OF ELLIPTICAL WING LE ON LONGITUDINAL STABILITY, 25 DEG. FLARE

DATA SET SYMBOL: C
 (807240) 04608 87609 M71.8 V11628V875X9
 (807314) 04608 87609 M71.8 V12228V875X9

LEVON: .000
 SP100K: 25.000
 BOFLAP: -12.000
 RUDDER: .000

REFERENCE INFORMATION:
 SREF: 4.4119 SCALE: 1
 LREF: 19.1299 SCALE: 1
 BREF: 37.9359 SCALE: 1
 XREF: 43.1874 SCALE: 1
 YREF: .0000 SCALE: 1
 ZREF: 15.1875 SCALE: 1
 SCALE: .0400

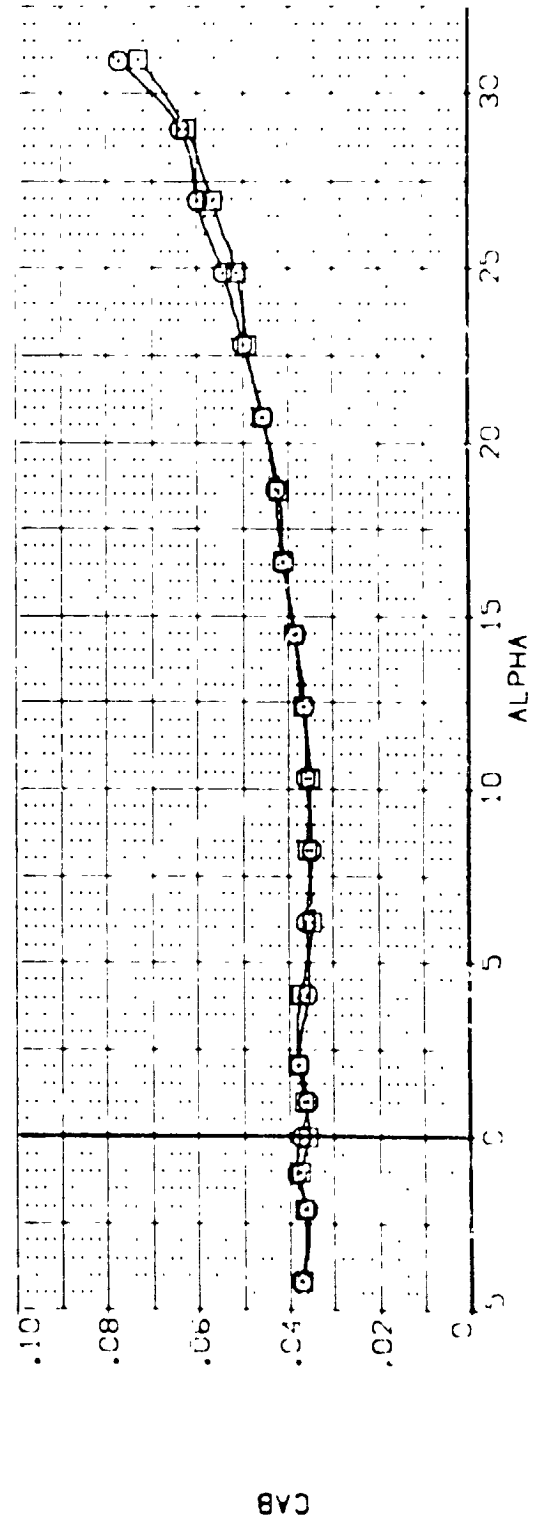
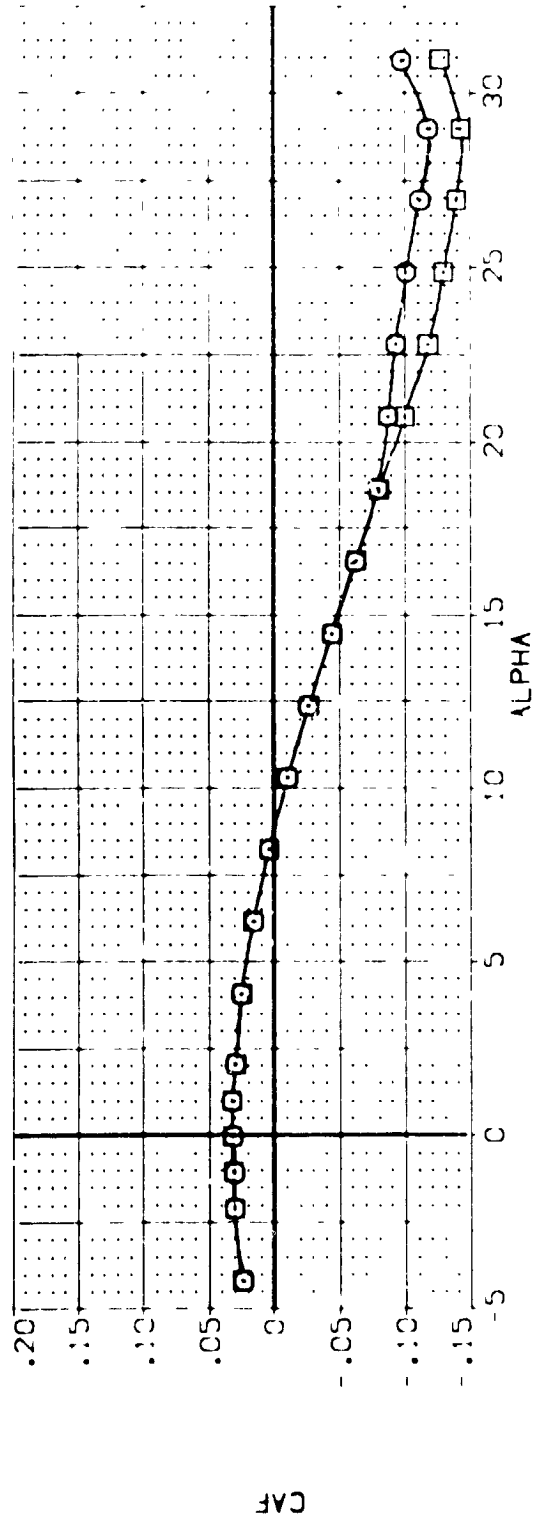


FIG 110 EFFECT OF ELLIPTICAL WING LE ON LONGITUDINAL STABILITY, 25 DEG. FLARE

CAMAC- .20

DATA SET: 100	CONFIGURATION DESCRIPTION	ELEVON	SPDRBK	BOFLAP	RUDDER	REFERENCE INFORMATION
(807240)	DA628 B26C9 M7F8 V116E28V8R5'9	.000	25.000	-12.000	.000	SREF 4.4119 SQ.F.
(807314)	DA628 B26C9 M7F8 V122E28V8R5'9	.000	25.000	-12.000	.000	LREF 19.2293 NC+S
						BREF 37.9359 NC+S
						XMRP 43.5874 NC+S
						YMRP .0000 NC+S
						ZMRP 15.1875 NC+S
						SCALE .0405

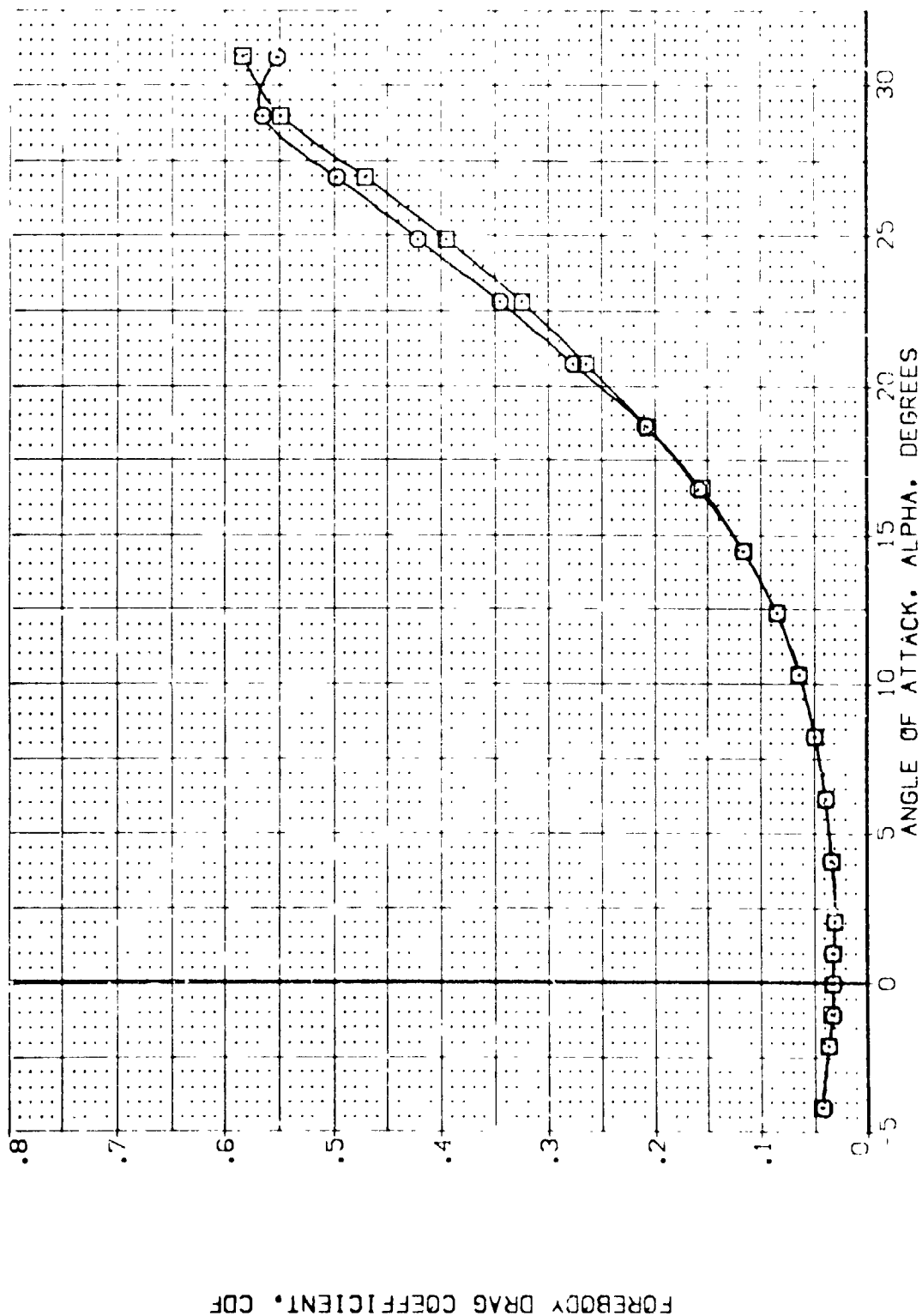


FIG 110 EFFECT OF ELLIPTICAL WING LE ON LONGITUDINAL STABILITY, 25 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BO-LAP	RJOLLR	REFERENCE INFORMATION
(B07240)	BAS28 B26C9 M7E8 N116E28/8P5X9	.000	25.000	-12.000	.000	SREF 4.4119 SC1.1
(B07314)	BAS28 B26C9 M7E8 N122E28/8P5X9	.000	25.000	-12.000	.000	LREF 19.2298 SC1.1
						BREF 37.9359 SC1.1
						XREF 43.5874 SC1.1
						YREF 15.0000 SC1.1
						ZREF 15.1875 SC1.1
						SCALE .0405

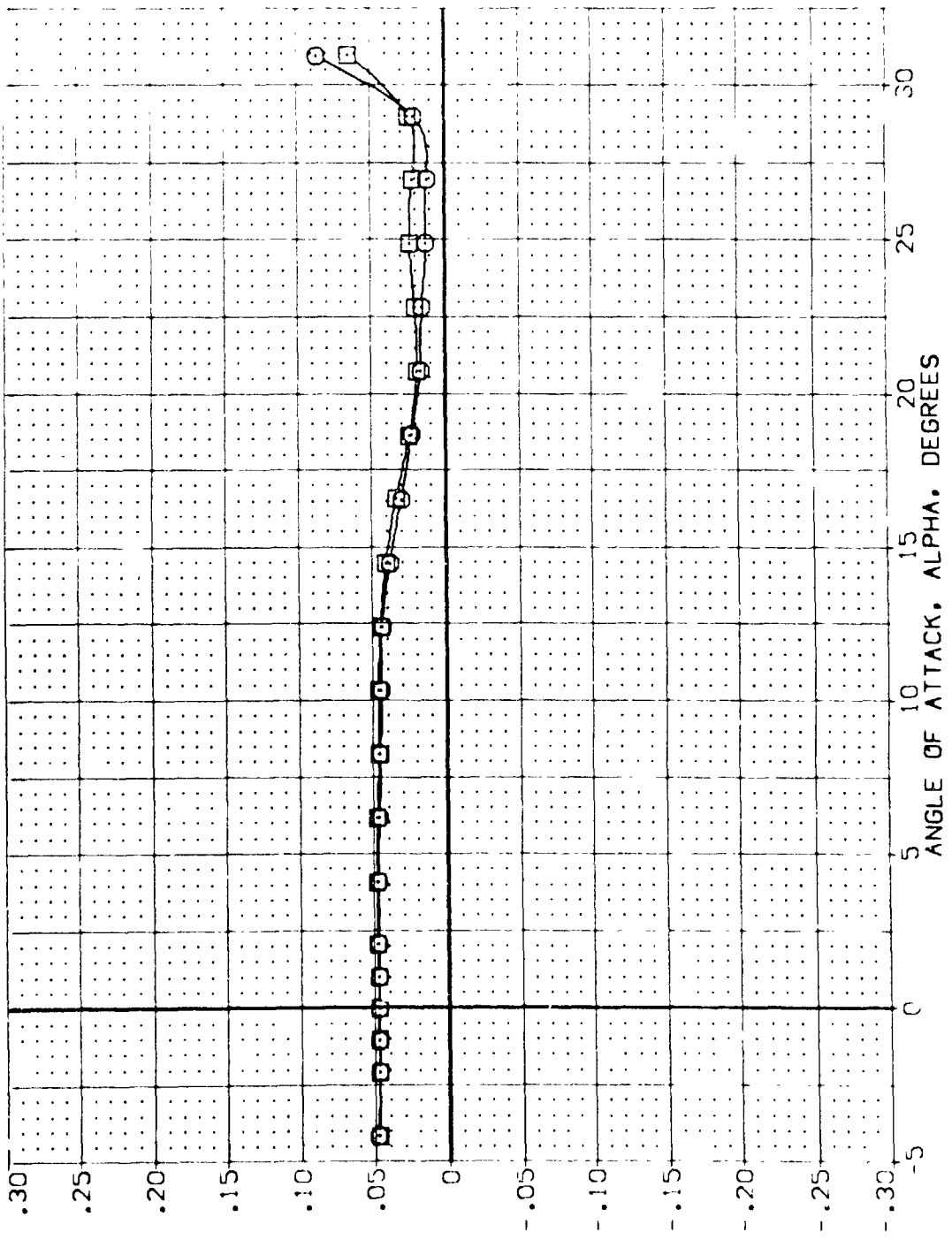


FIG 110 EFFECT OF ELLIPTICAL WING LE ON LONGITUDINAL STABILITY, 25 DEG. FIRE

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B12240) 04628 B26C9 MTFB V11E28V85X9
 (B02314) 04628 B26C9 MTFB V12E28V85X9

ELEVON SPOBRK BDLAP RUDDER REFERENCE INFORMATION
 .000 25.000 -12.000 .000 SREF 4.4119 SC.F.T.
 .000 25.000 -12.000 .000 LREF 19.2299 INCHES
 .000 25.000 -12.000 .000 BREF 37.9359 INCHES
 .000 25.000 -12.000 .000 XREF 43.5874 INCHES
 .000 25.000 -12.000 .000 YREF .0000 INCHES
 .000 25.000 -12.000 .000 ZREF 15.1874 INCHES
 .000 25.000 -12.000 .000 SCALE .0405

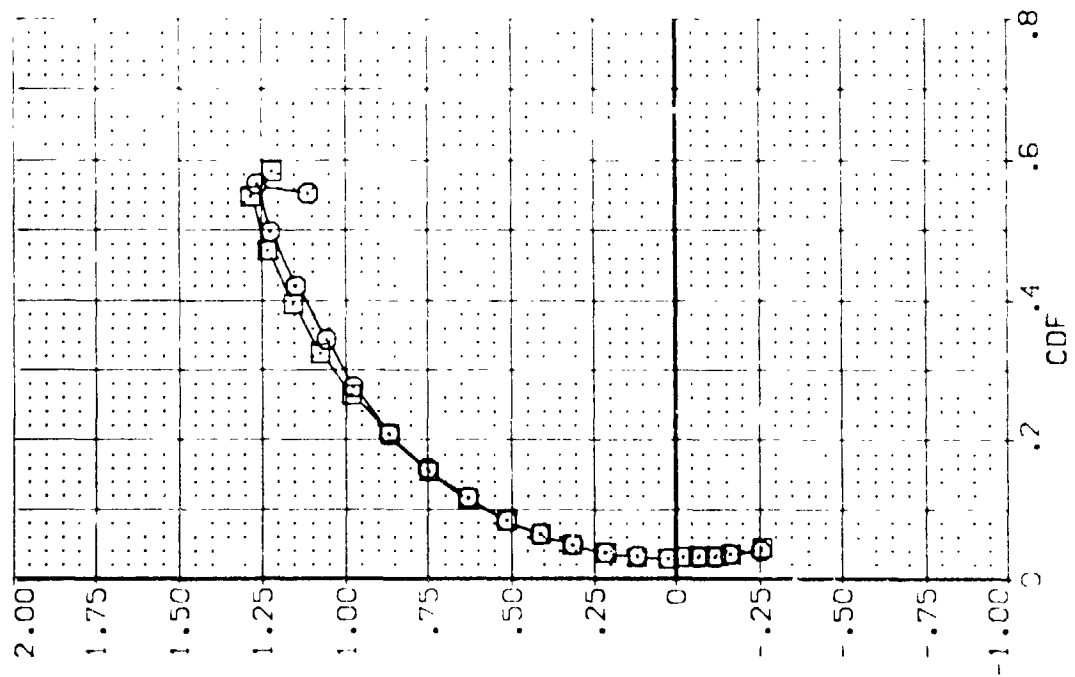
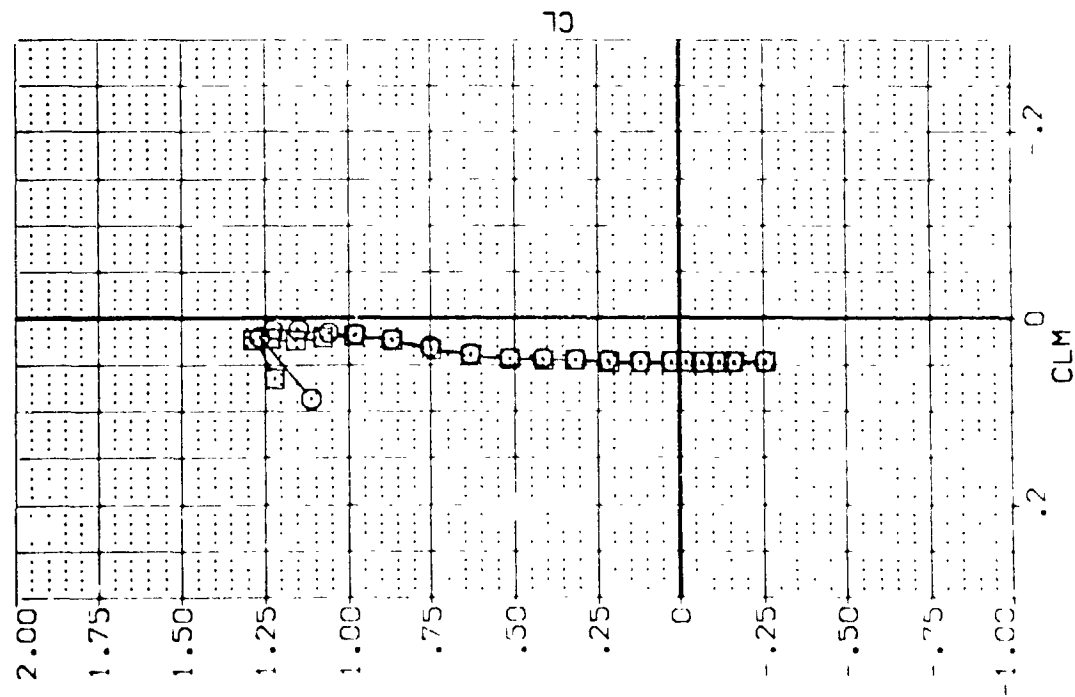


FIG 110 EFFECT OF ELLIPTICAL WING LE ON LONGITUDINAL STABILITY, 25 DEG. FLARE

(A) MAC = .20

DATA SET SYMBOL: (802240) (802314)

CONFIGURATION DESCRIPTION: QAG28 B26C9 W/F B V116E28/885X9 CA628 B26C9 W/F B V12E28/885X9

ELEVON: .000 .000

SPOILER: 25.000 25.000

BOFLAP: -12.000 -12.000

RUDER: .000 .000

REFERENCE INFORMATION: SREF: 4.4119 SQ.FT. LREF: 19.2298 INCHES BREF: 37.9358 INCHES XMAP: 43.5874 INCHES YMAP: 15.0000 INCHES ZMAP: 15.875 INCHES SCALE: .0405

LONGITUDINAL CENTER OF PRESSURE LOCATION, XCP/L, FRACTION BODY LENGTH

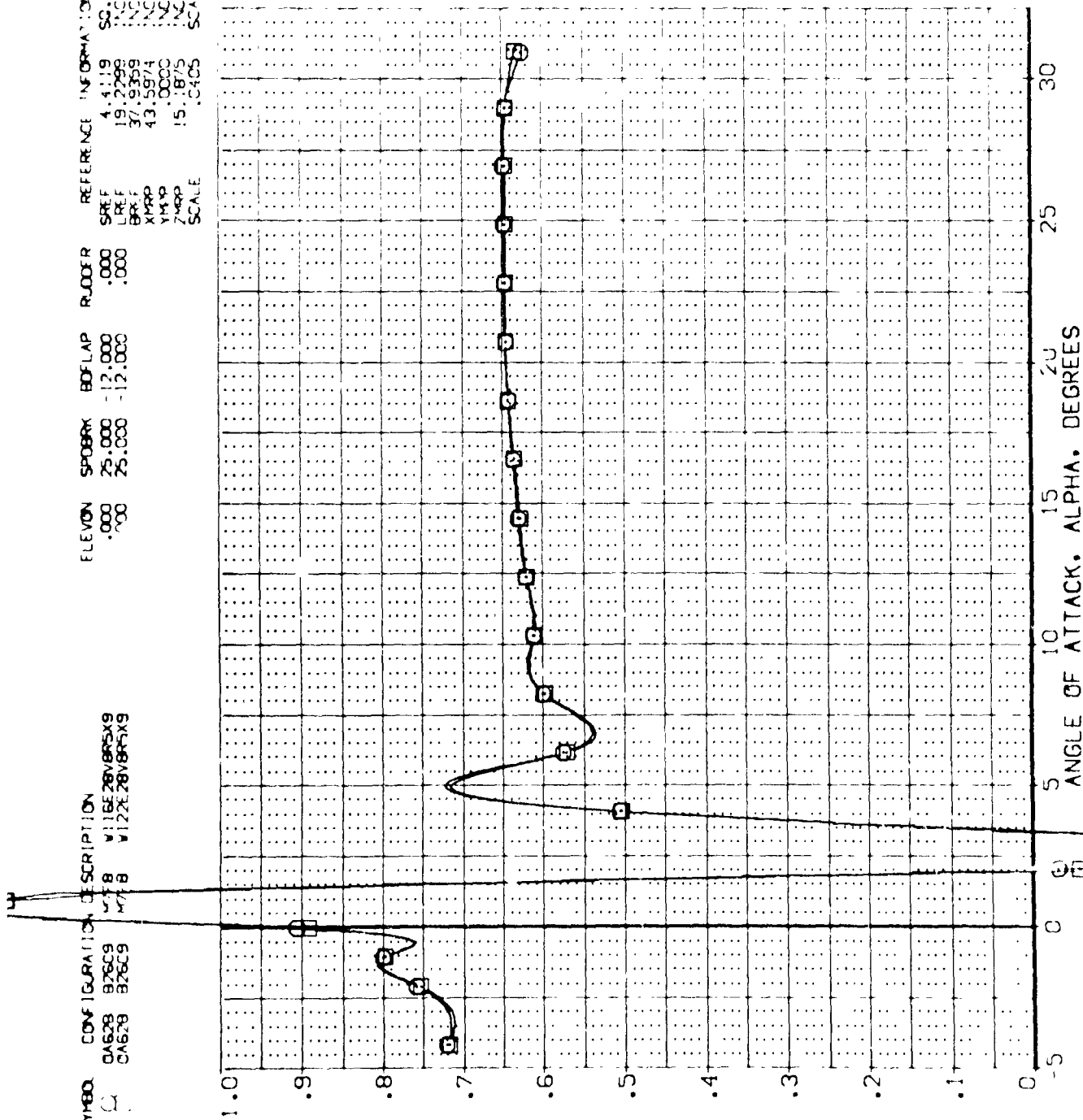


FIG 110 EFFECT OF ELLIPTICAL WING LE ON LONGITUDINAL STABILITY, 25 DEG. FLARE
(A)MACH .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPORBAR	BOXLAP	RUDDER	REFERENCE INFORMATION
(807240)	0A628 826C9 M7E8 V116E28V85K9	.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT. INCHES
(807314)	0A628 826C9 M7E8 V122E28V85K9	.000	25.000	-12.000	.000	LREF 19.2299 INCHES
						BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405

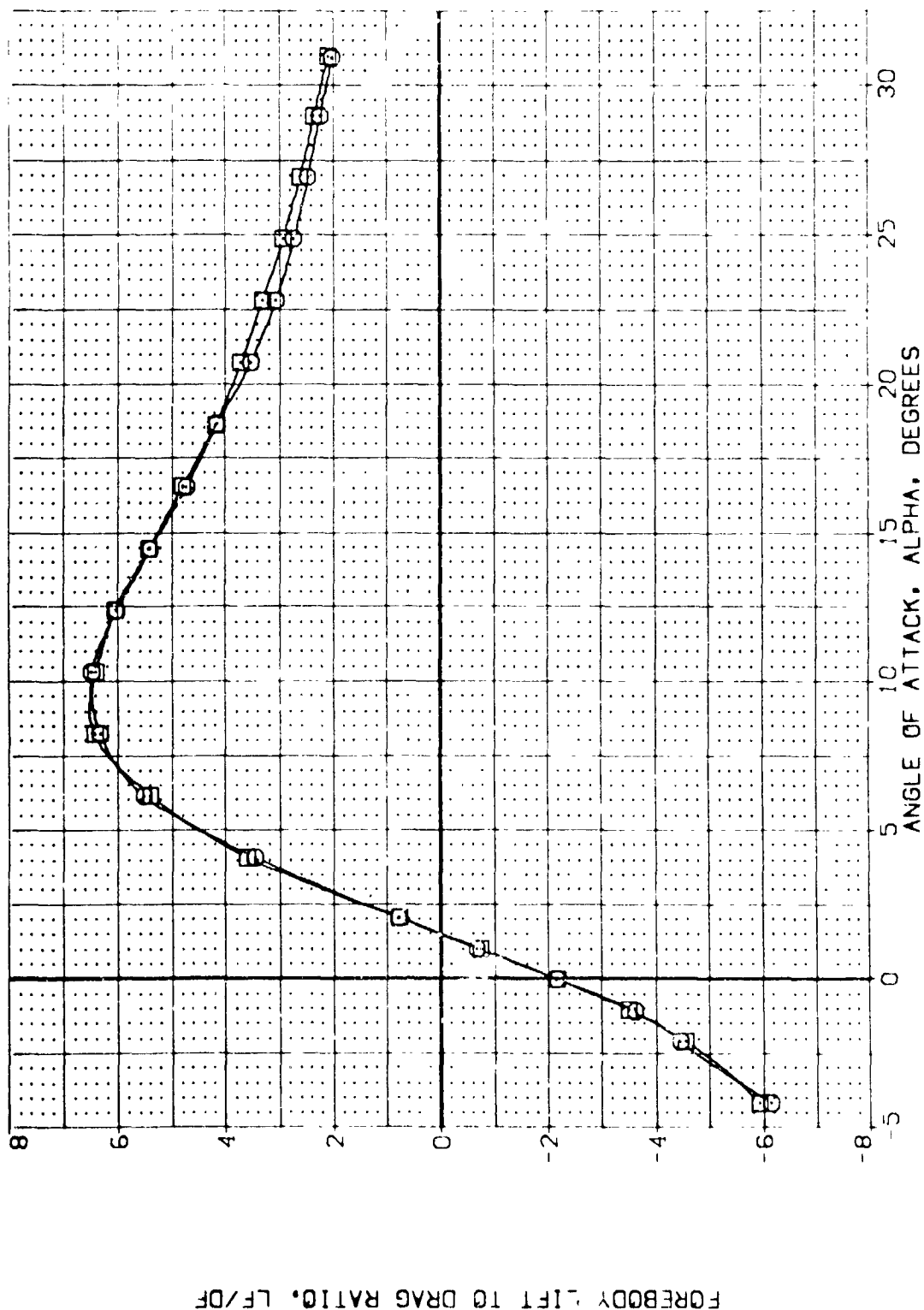


FIG 110 EFFECT OF ELLIPTICAL WING LE ON LONGITUDINAL STABILITY, 25 DEG. FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BDCLAP	RUDER	REFERENCE INFORMATION
(B02314)	QAG28 B26C9 MTF-8 V12E28V85X9	.000	25.000	-12.000	.000	SREF 4.4119 SC.FT.
(B02321)	QAG28 B26C9 MTF-8 V12E28V85X9	5.000	25.000	-12.000	.000	LREF 19.2799 NC.FT.
(B02322)	QAG28 B26C9 MTF-8 V12E28V85X9	10.000	25.000	-12.000	.000	BREF 37.9359 NC.FT.
						XMAP 43.5974 NC.FT.
						YMAP .000 NC.FT.
						ZMAP 15.1875 NC.FT.
						SCALE .0405

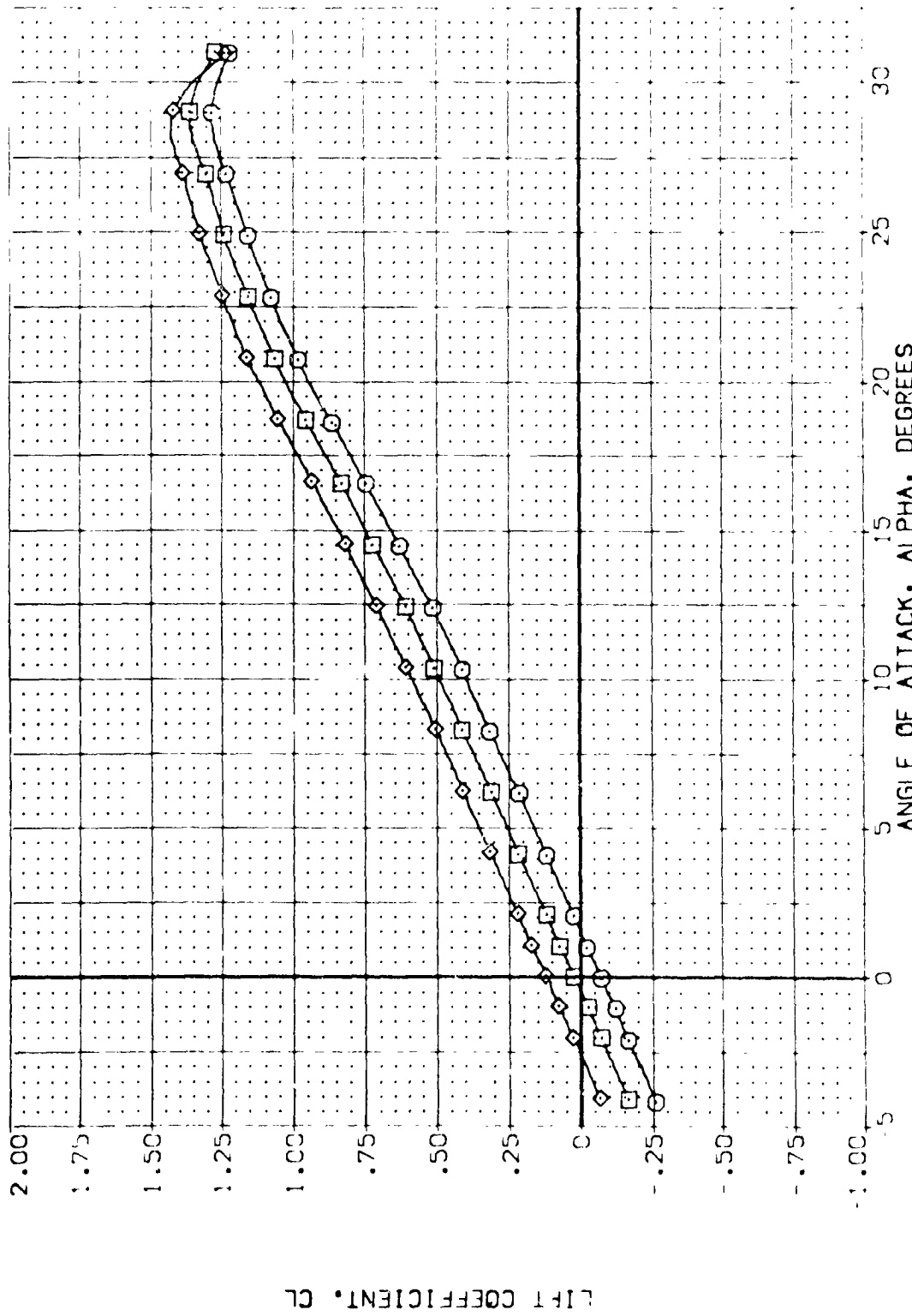


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

(A)MAC .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOTBAR	BOFLAP	RUDDER	REFERENCE INFORMATION
[B02314]	QAS28 B76C9 M7F8 V122L28V875X9	.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT.
[B02321]	QAS28 B76C9 M7F8 V122L28V875X9	5.000	25.000	-12.000	.000	LRFF 19.2299 INCHES
[B02322]	QAS28 B76C9 M7F8 V122L28V875X9	10.000	25.000	-12.000	.000	BRFF 37.9359 INCHES
						X400 43.5874 INCHES
						Y400 .0000 INCHES
						Z400 15.1875 INCHES
						SCALE .0405 INCHES

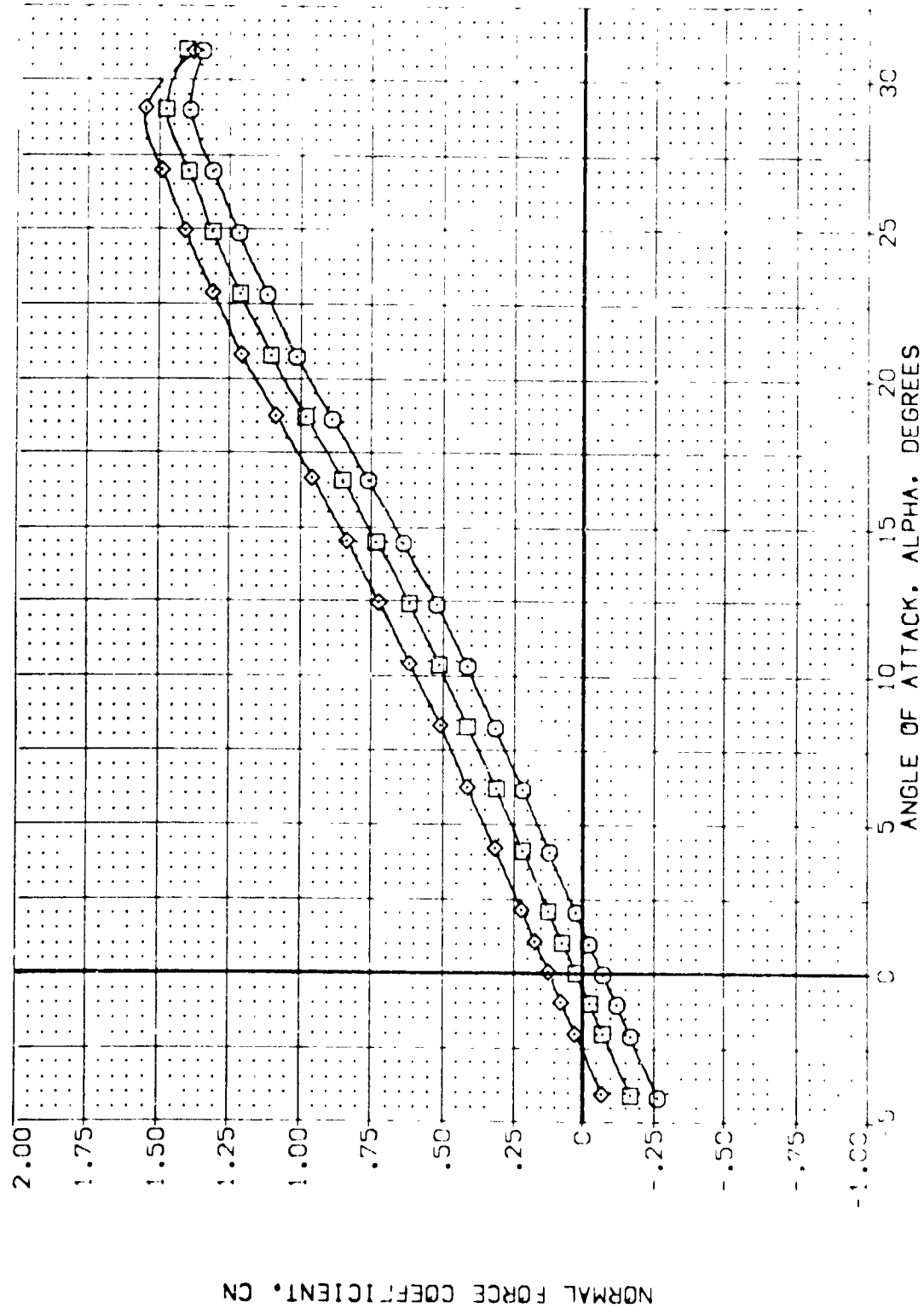


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDDER	REFERENCE INFORMATION
(B02314)	CA628 B76C9 M7F8 V122L28V8F5X9	.000	25.000	-12.000	.000	SREF 4.4119
(B02321)	CA628 B76C9 M7F8 V122L28V8F5X9	5.000	25.000	-12.000	.000	CRF 19.2259
(B02322)	CA628 B76C9 M7F8 V122L28V8F5X9	10.000	25.000	-12.000	.000	BRF 37.9359
						XREF 43.5974
						YREF .0000
						ZREF .0000
						SCALE 15.1875
						SCALE .0405

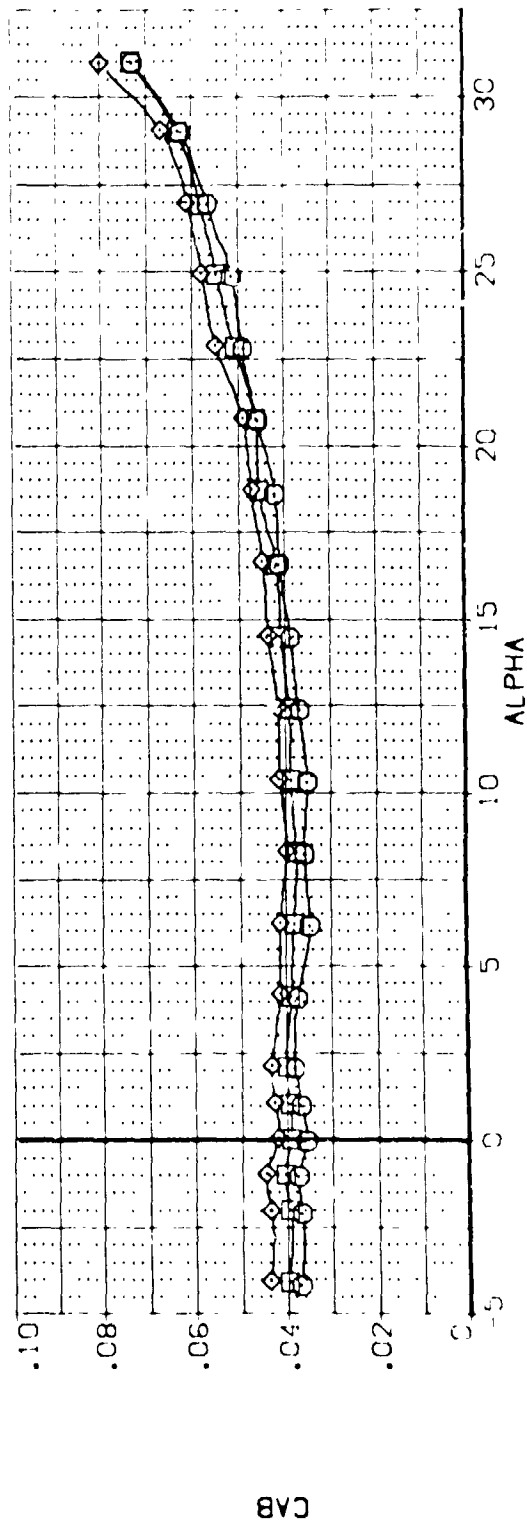
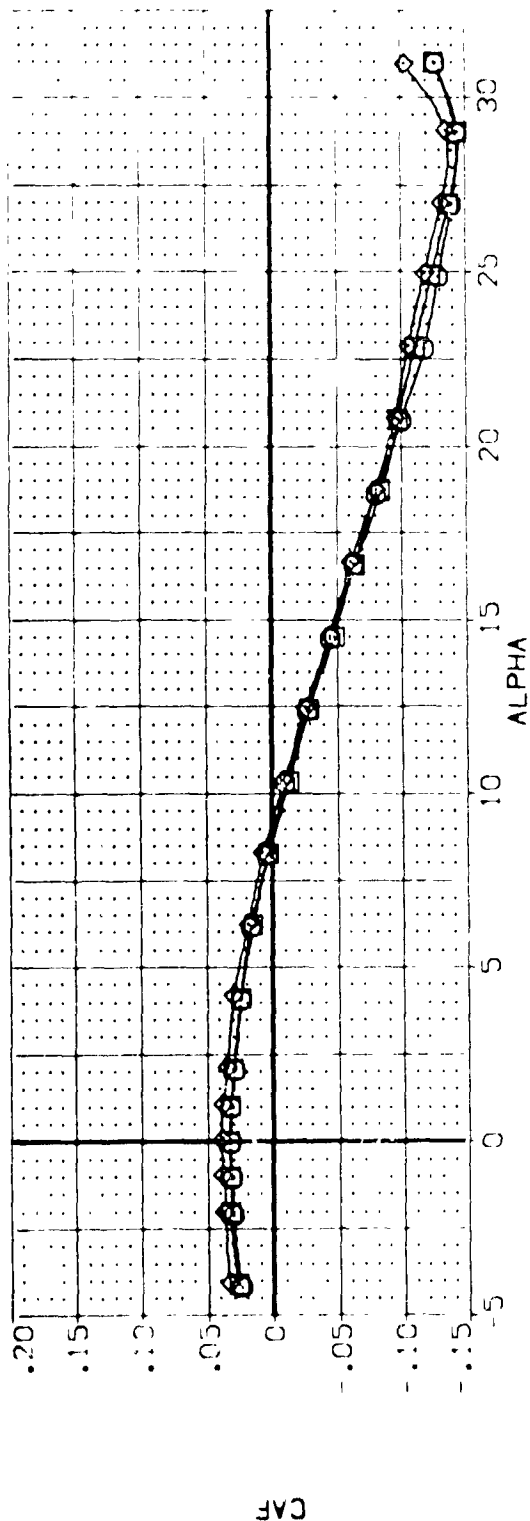


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE
 (A)MAC .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPODBK	BOFLAP	RUDDER	REFERENCE INFORMATION
(B02314)	QAS28 B76C9 M7F8 V127E28/B95X9	.000	25.000	-12.000	.000	SREF 4.4119 SQ.FT.
(B02321)	QAS28 B76C9 M7F8 V127E28/B95X9	5.000	25.000	-12.000	.000	LREF 19.2299 INCHES
(B02322)	QAS28 B76C9 M7F8 V127E28/B95X9	10.000	25.000	-12.000	.000	BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP 15.0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405

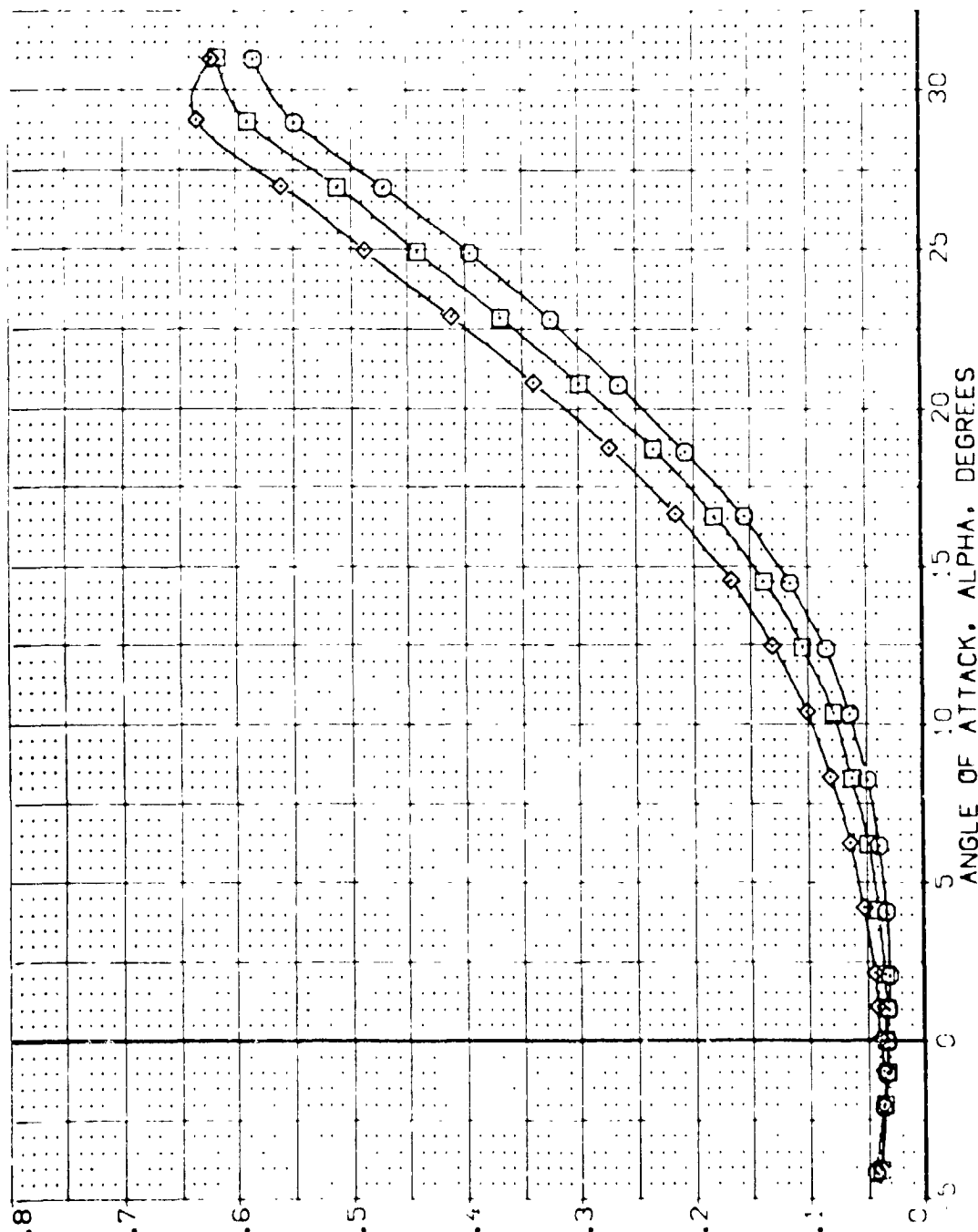


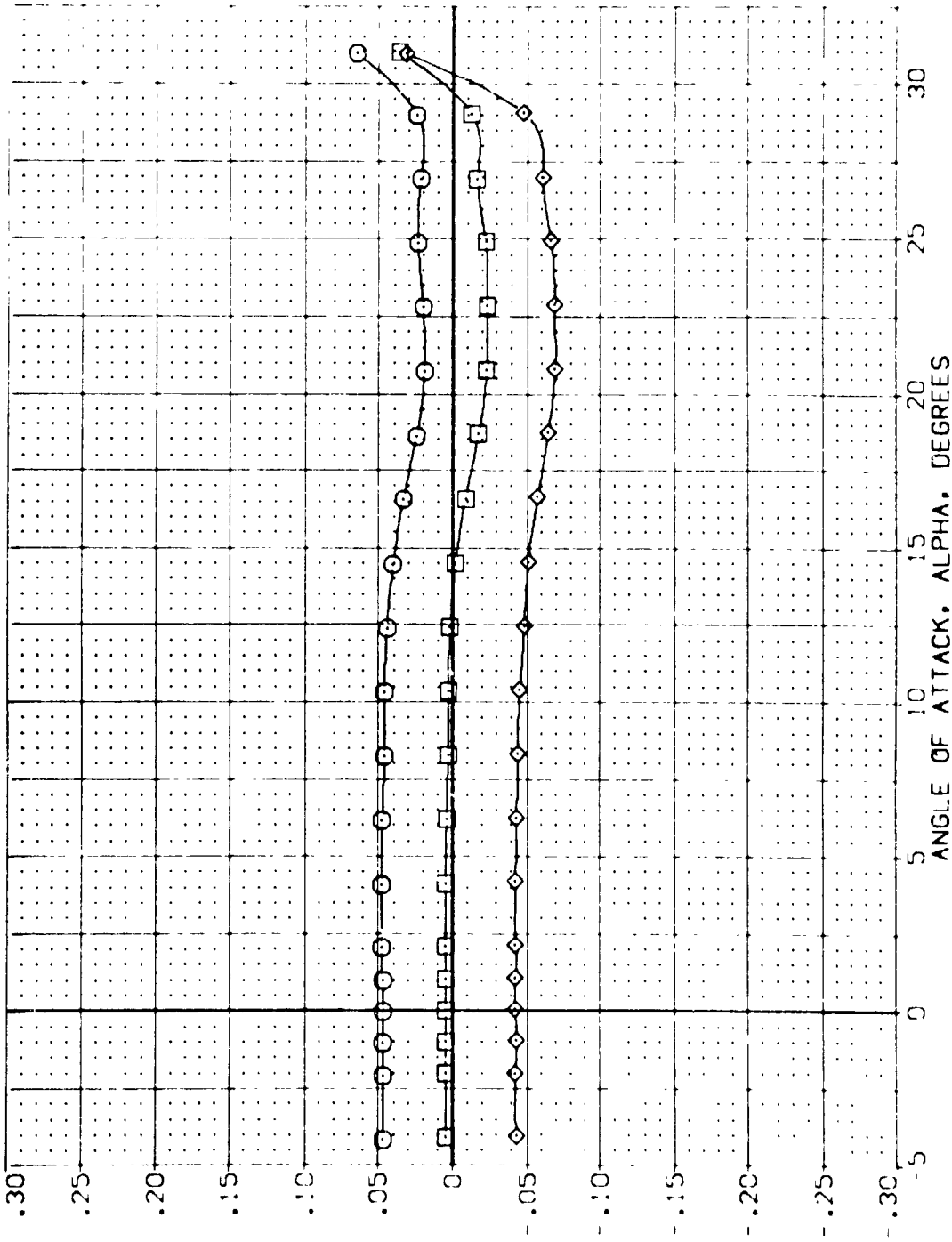
FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE. 25 DEG FLARE

CADMAC .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B02314) D CAS28 B76C9 M7E8 V122E28V865X9
 (B02321) C CAS28 B76C9 M7E8 V122E28V865X9
 (B02322) C CAS28 B76C9 M7E8 V122E28V865X9

ELEVON SPOBRK BOFLAP RUDDER
 .000 25.000 -12.000 .000
 5.000 25.000 -12.000 .000
 10.000 25.000 -12.000 .000

REFERENCE INFORMATION:
 SREF 4.4119 SCALF
 LREF 19.2799 INCHES
 BREF 31.9318 INCHES
 XREF 43.5874 INCHES
 YREF .0000 INCHES
 ZREF 15.1875 INCHES
 SCALE .0405



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FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

LAWAC- .20

DATA SET SYMBOL DESCRIPTION
 (80732) C1628 B16C9 W18 V122 28.895X9
 (80732) C1628 B16C9 W18 V122 28.895X9
 (80732) C1628 B16C9 W18 V122 28.895X9

ELEVON SPOBRK BFLAP RUDDER
 .000 25.000 -12.000 .000
 5.000 25.000 -12.000 .000
 10.000 25.000 -12.000 .000

REFERENCE INFORMATION
 SRF 4.119 SC1
 XRF 19.709 SC2
 BR 37.939 SC3
 YPR 43.594 SC4
 ZPR 15.185 SC5
 SCALE 15.000

LONGITUDINAL CENTER OF PRESSURE LOCATION, XCP/L, FRACTION BODY LENGTH

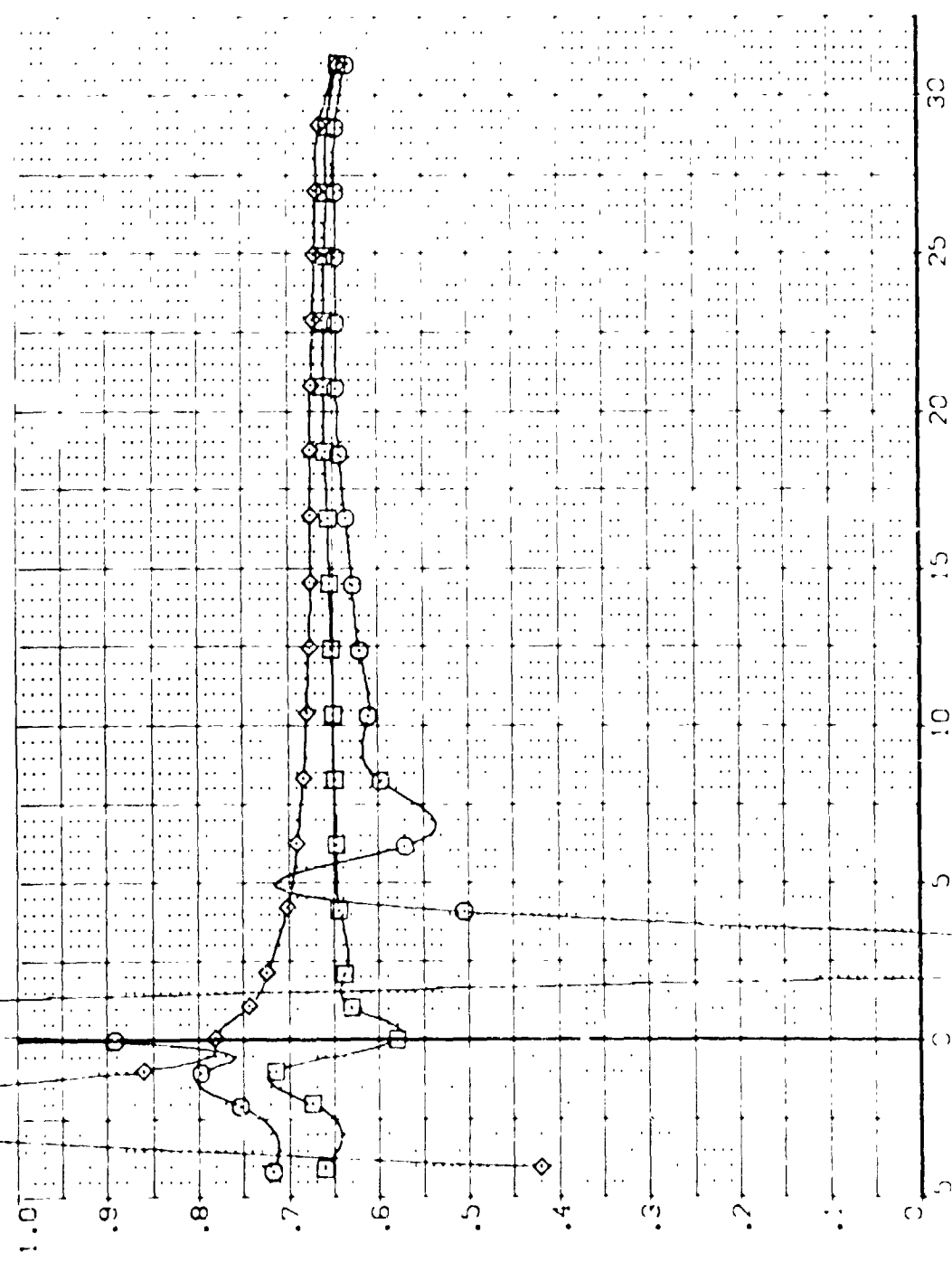
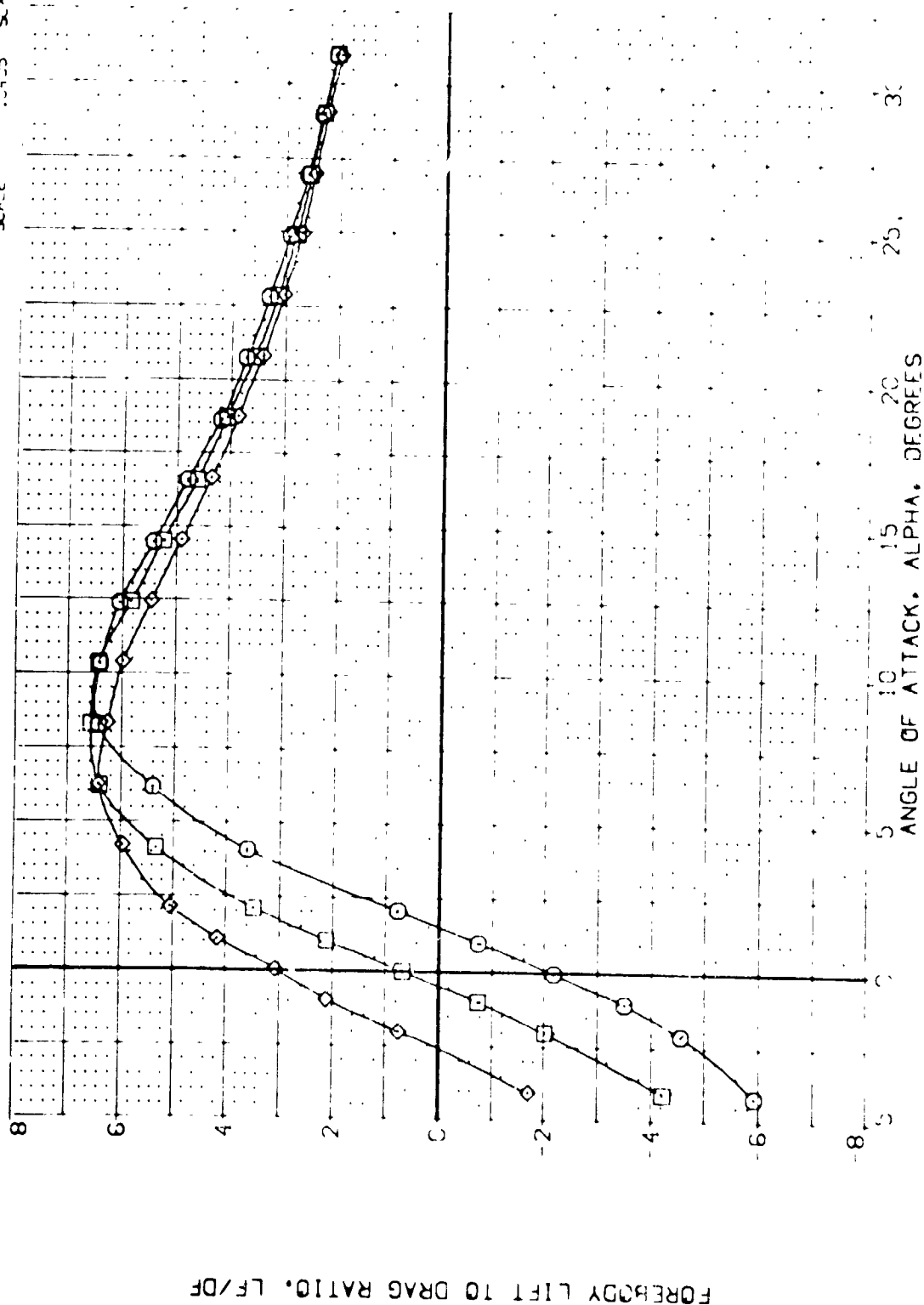


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(802314)	Q 0A628 826C9 M7E 8 V122E 28-895X9
(802321)	Q 0A628 826C9 M7E 8 V122E 28-895X9
(802322)	Q 0A628 826C9 M7E 8 V122E 28-895X9



(127314)

PARAMETRIC VALUES

DATA SOURCE

REFERENCES

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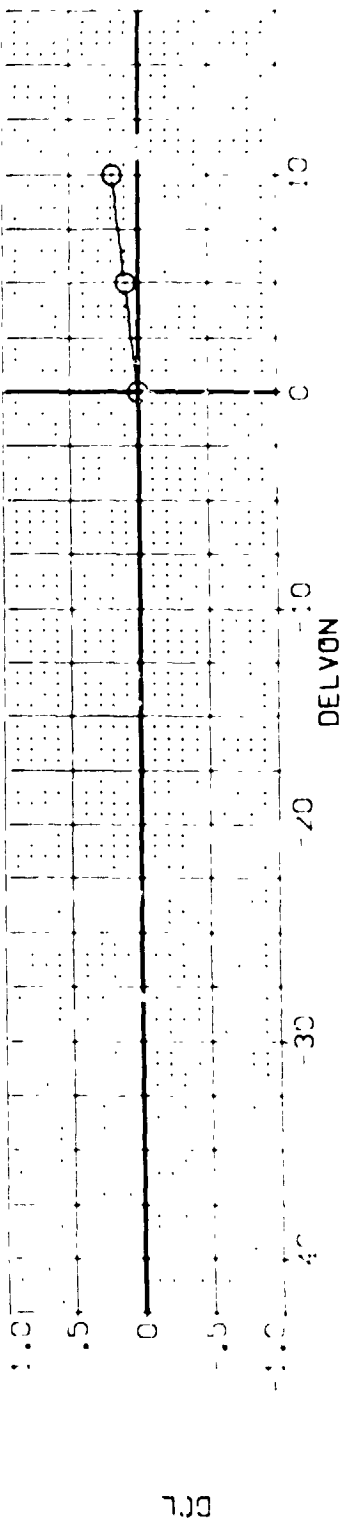
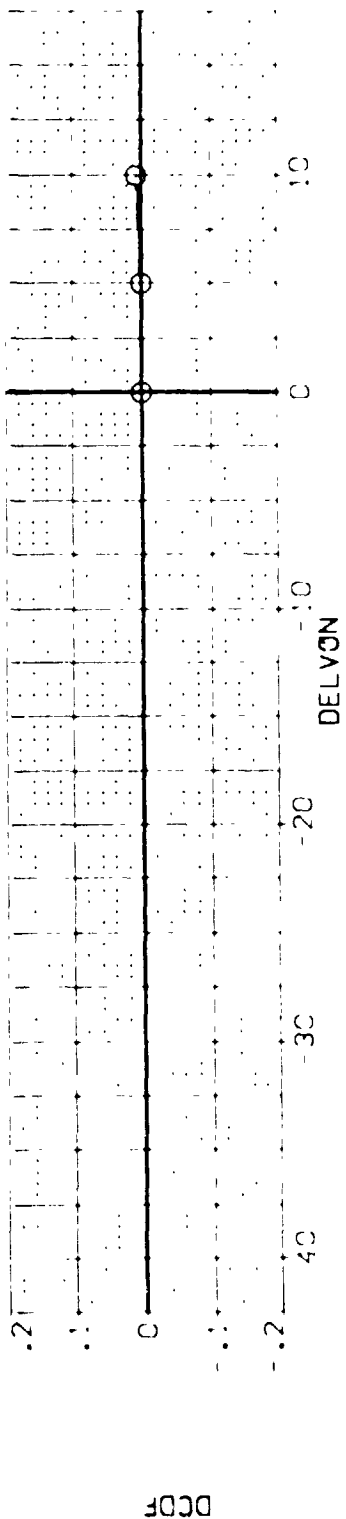
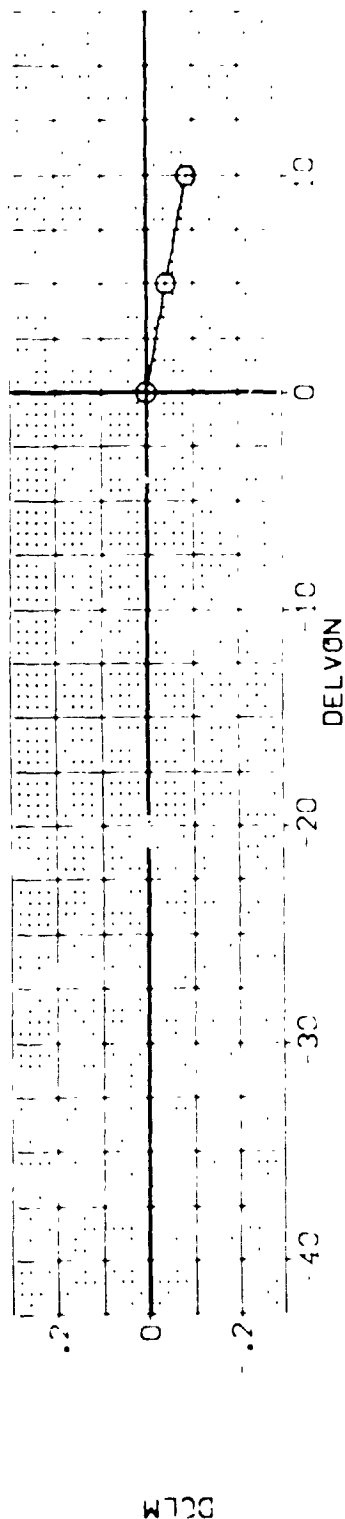


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE. 25 DEG FLARE

(EDZ314)

0A628 B26C9 M7F8 W122E28V8R5X9

SYMBOL
O

ALPHA 5.000
MACH .200
AILRON .000
SPOBRK 25.000
BOFLAP .000
RUDDER .000
BETA .000

PARAMETRIC VALUES
DELTON -12.000
EDZ314 .000
EDZ322 .000

DATA SOURCE
DELTON
EDZ321

REFERENCE INFORMATION
SREF 4.4119
LREF 19.2299
BREF 37.9359
XMRP 43.584
YMRP .0000
ZMRP 15.1875
SCALE .0405

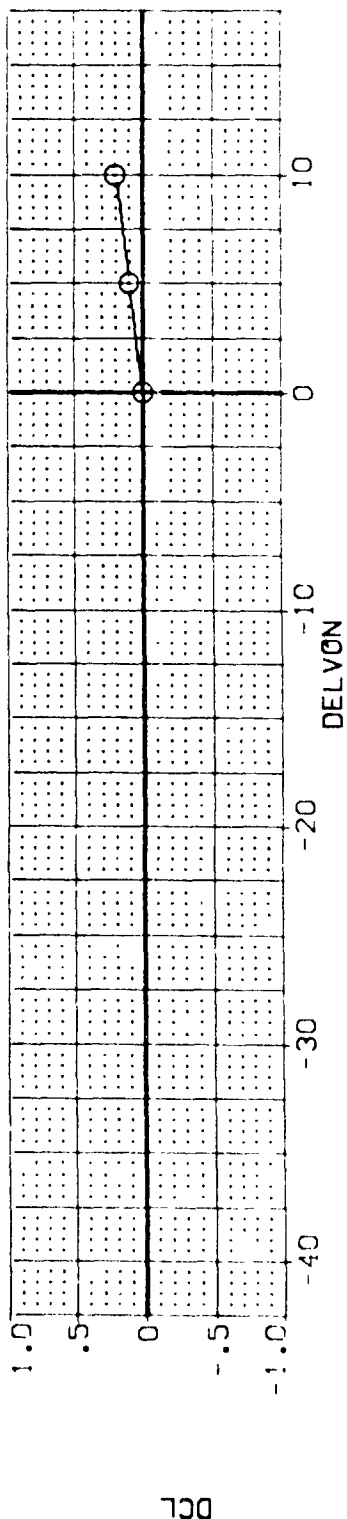
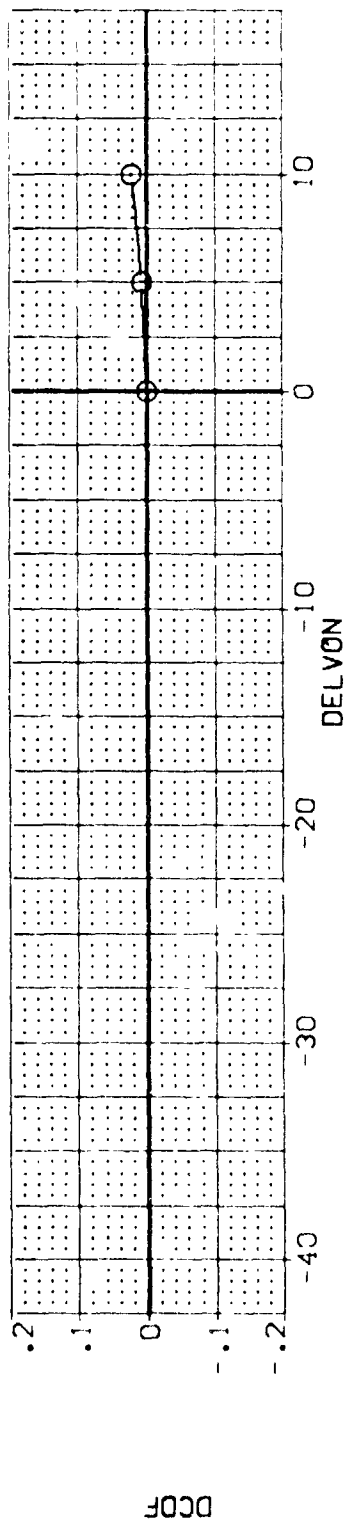
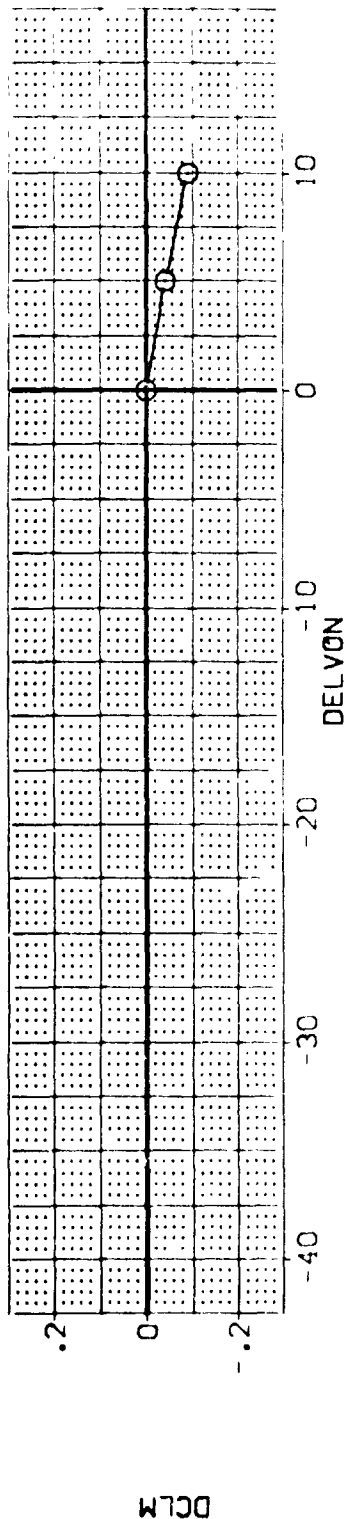


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

DATASET	DELVON
EDZ321	5.000

REFERENCE INFORMATION



FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

0A628 B26C9 M7F8 W122E28V8R5X9 (EDZ314)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
		MACH	BOFLAP	R-DOER	BETA	DELTON	DATASET	DELTON	SREF	SC.FT	SCALE
○	15.000	.000	.000	.000	.000	.000	EDZ314	5.000	19.2799	INCHES	
		SPDRK	25.000			10.000	EDZ322		37.9358	INCHES	
									43.5574	INCHES	
									.0000	INCHES	
									15.1875	INCHES	
									.0405	SCALE	

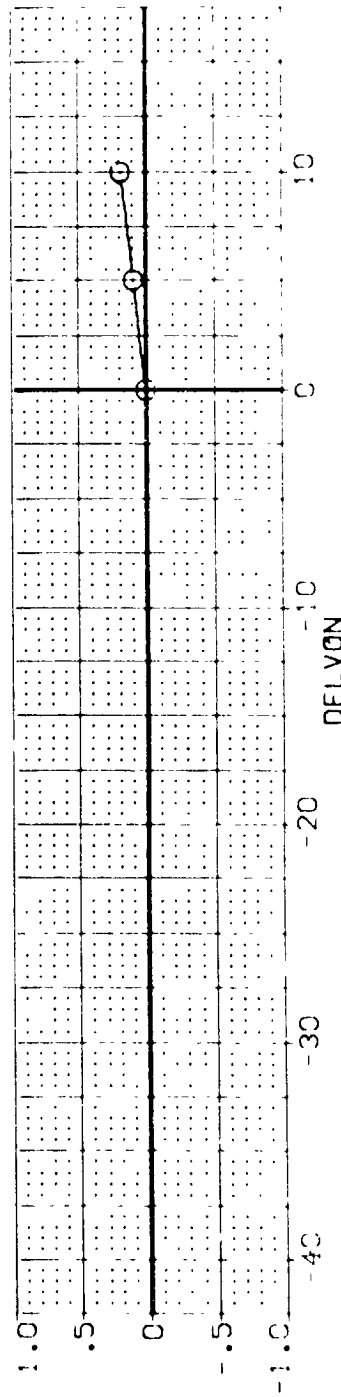
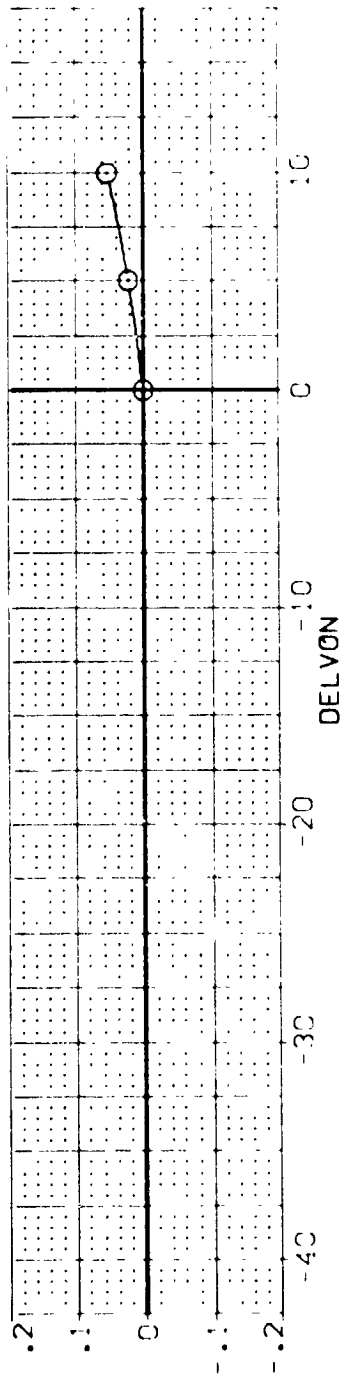
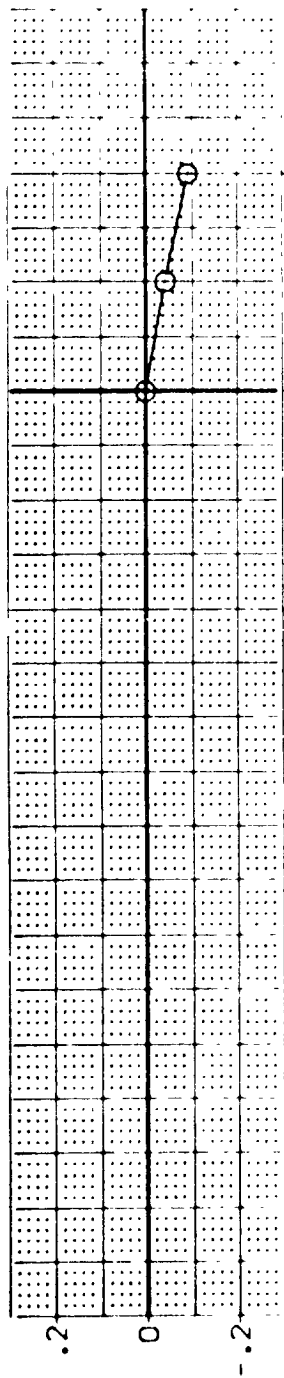


FIG 111 ELEVON-EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

CA62B 826C9 W7F8 W122E28V8R5X9 (EDZ314)

SYMBOL	ALPHA	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION			
○	20.000	MACH	.200	BOFLAP	-12.000	DATASET	DELVON	SPKE	4.4119	SCALE	SCALE
		ALLRON	.000	RLODER	.000	EDZ314	.000	REF	19.2799	SCALE	SCALE
		SPDBW	25.000	BETA	.000	EDZ322	10.000	YREF	37.9359	SCALE	SCALE
								XREF	43.5874	SCALE	SCALE
								YREF	.0000	SCALE	SCALE
								ZREF	15.1875	SCALE	SCALE
								SCALE	.0405	SCALE	SCALE

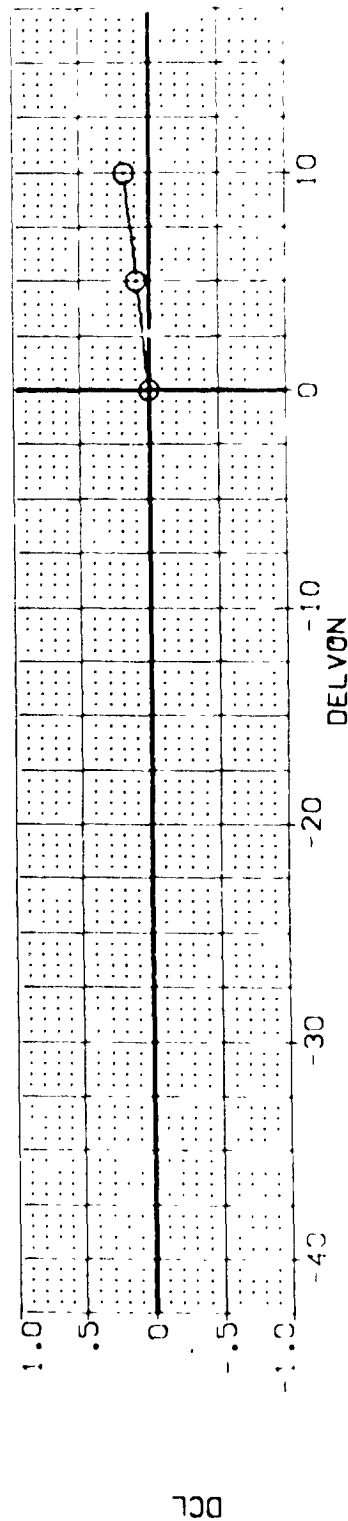
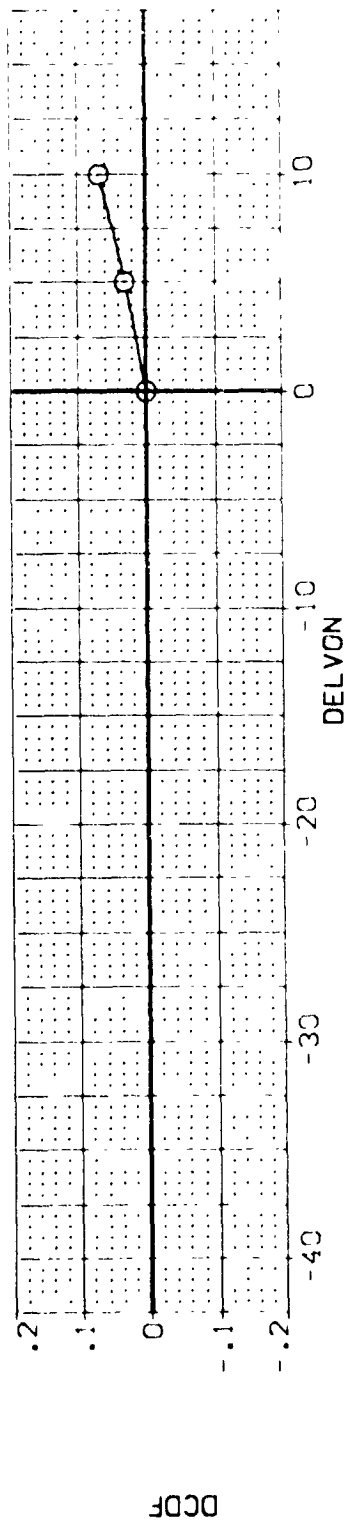
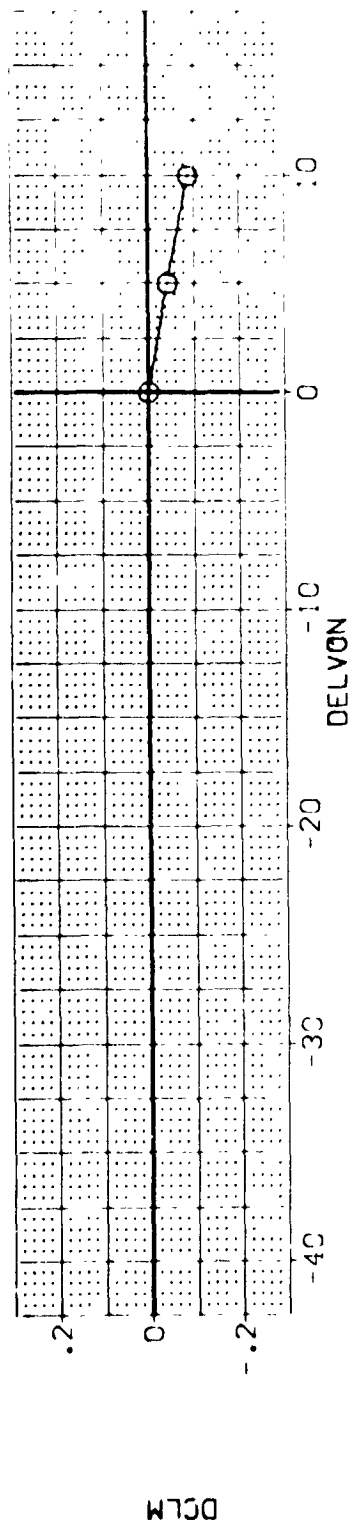


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

SYMBOL	ALPHA	PARAMETRIC VALUES							DATA SOURCE			REFERENCE INFORMATION																	
		MACH	BOFLAP	EDZ314	EDZ322	DELTON	DATASET	DELTON	DATASET	DELTON	SREF	LREF	XREF	YREF	ZREF	SCALE	SC.FT.												
○	25.000		.200	.000	.000	.000	-12.000	.000	EDZ314	.000	EDZ321	5.000	19.2299	37.9359	43.5974	15.1875	.0405	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES

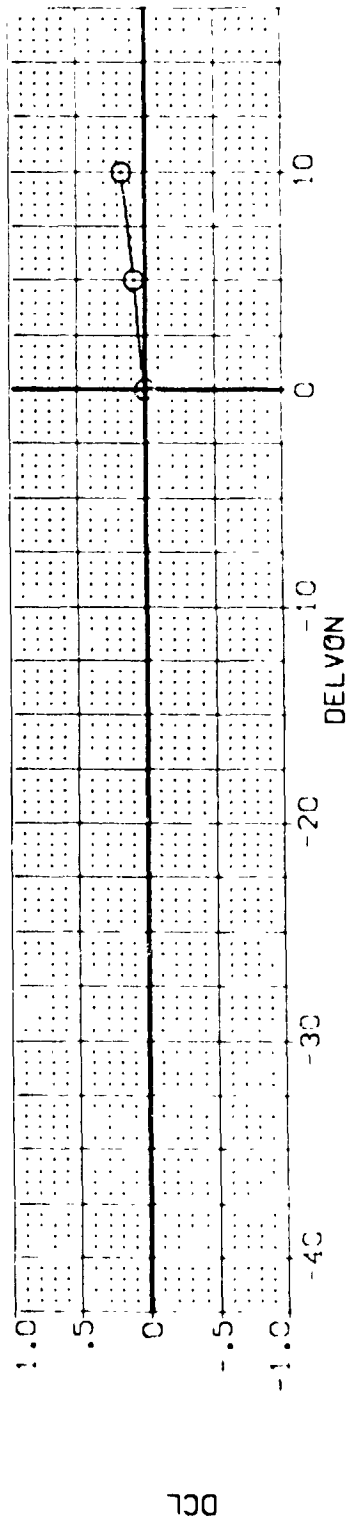
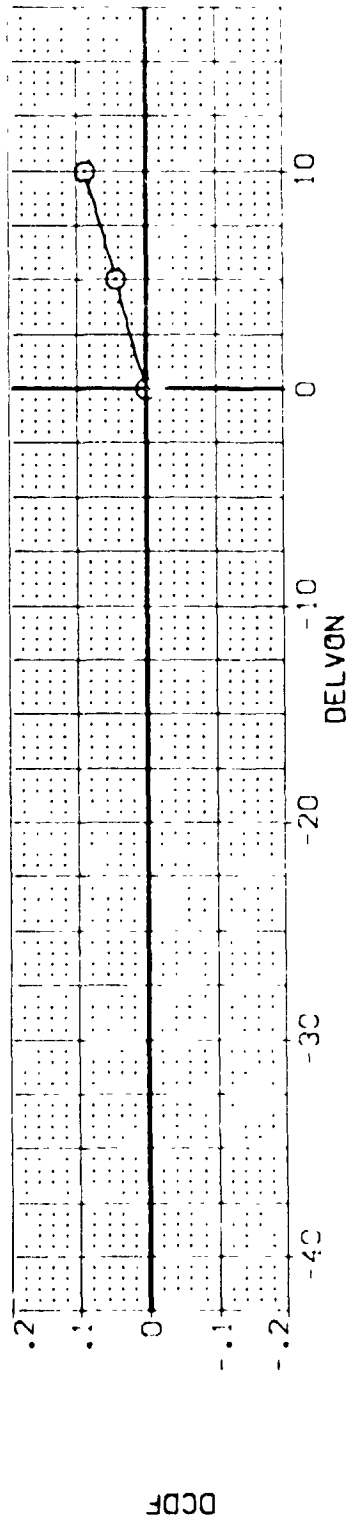
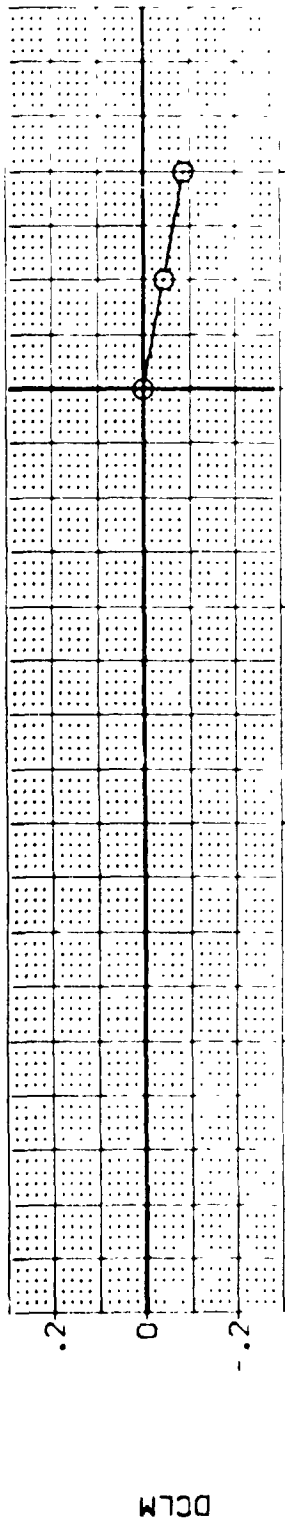


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

(ED73:4)

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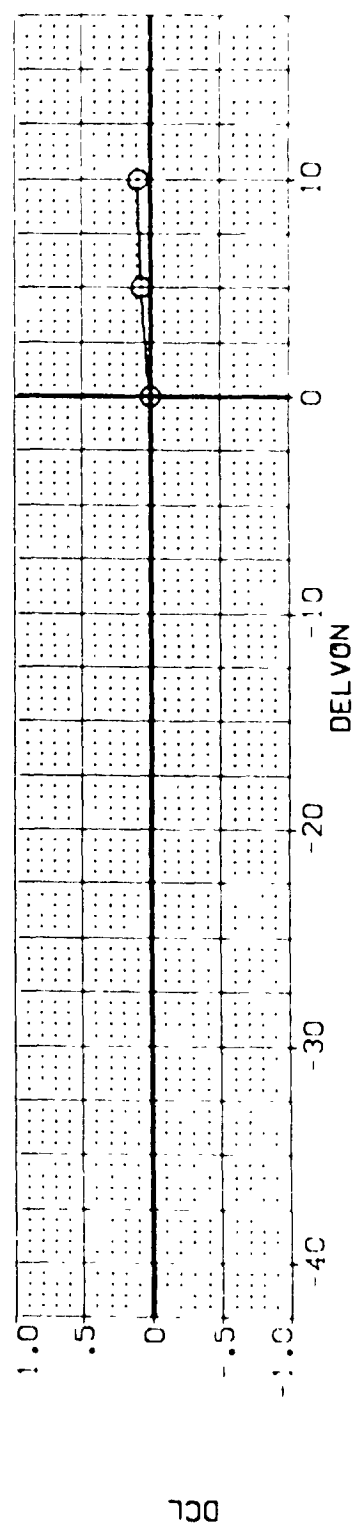
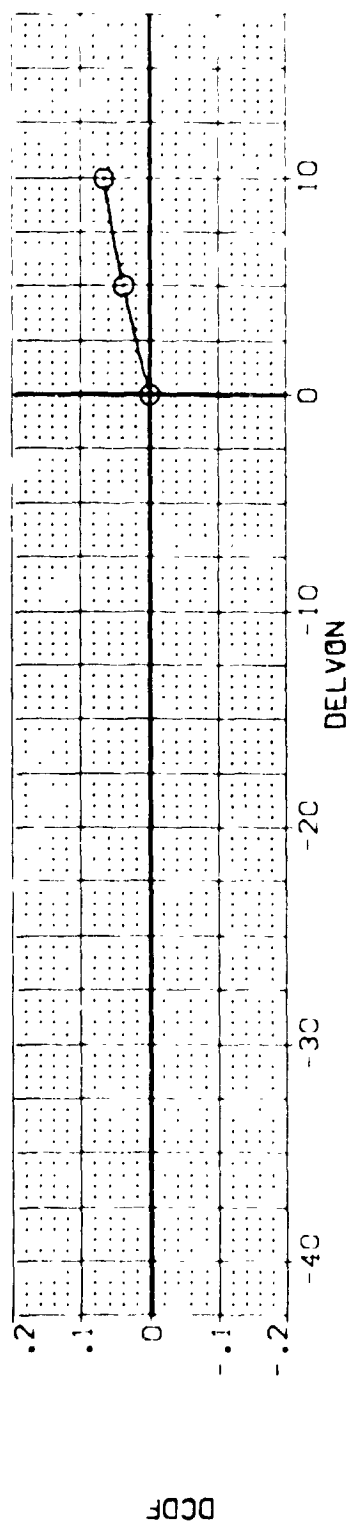
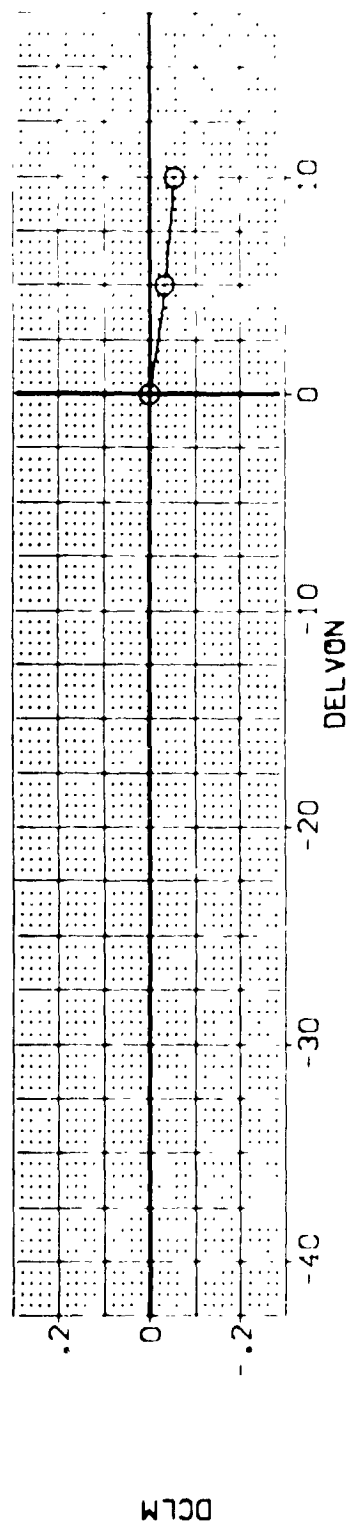


FIG 11! ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

0A62B B26C9 M7F8 W122E28V8R5X9 (ED7314)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	DATASET	DELVON	SREF	REFERENCE INFORMATION
○	.000	.200	BOFLAP	-12.000	DATASET	DELVON	SREF	50.FT.
		.000	RUDDER	.000	ED7314	.000	LREF	INCHES
		.25.000	BETA	.000	ED7322	10.000	BREF	INCHES
							XMRP	INCHES
							YMRP	INCHES
							ZMRP	INCHES
							SCALE	SCALE

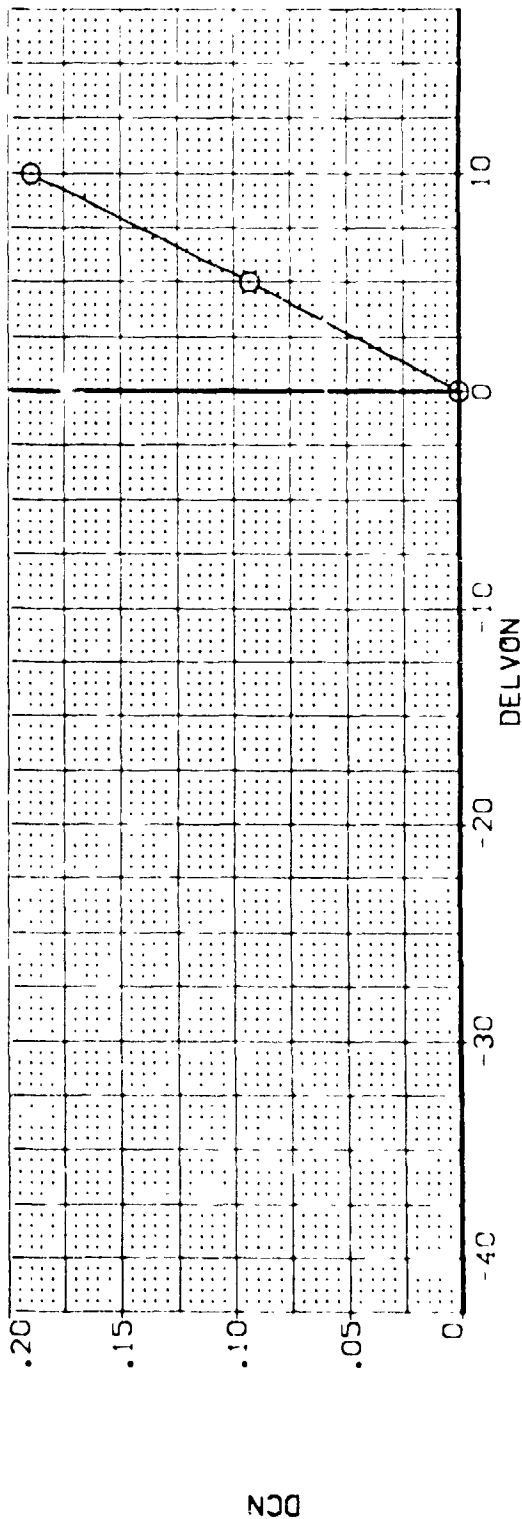
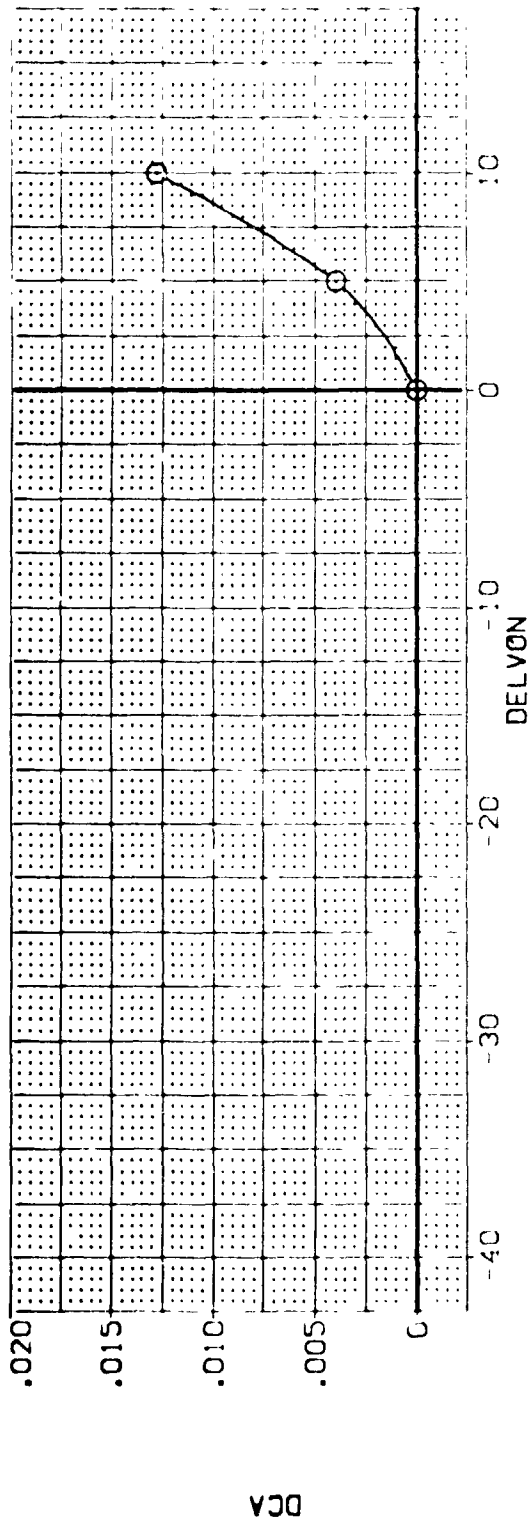


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

0A62B B26C9 M7F8 W122E28V8R5X9 (EDZ3:4)

SYMBOL
O

ALPHA
5.000

MACH
A1LRON
SPDRK

PARAMETRIC VALUES
.200 BOFLAP
.000 RUDDER
25.000 BETA

DATA SOURCE
-12.000 DATASET
.000 EDZ314
.000 EDZ322

DELVON
5.000

REFERENCE INFORMATION
SREF
LREF
BREF
XREF
YREF
ZREF
SCALE

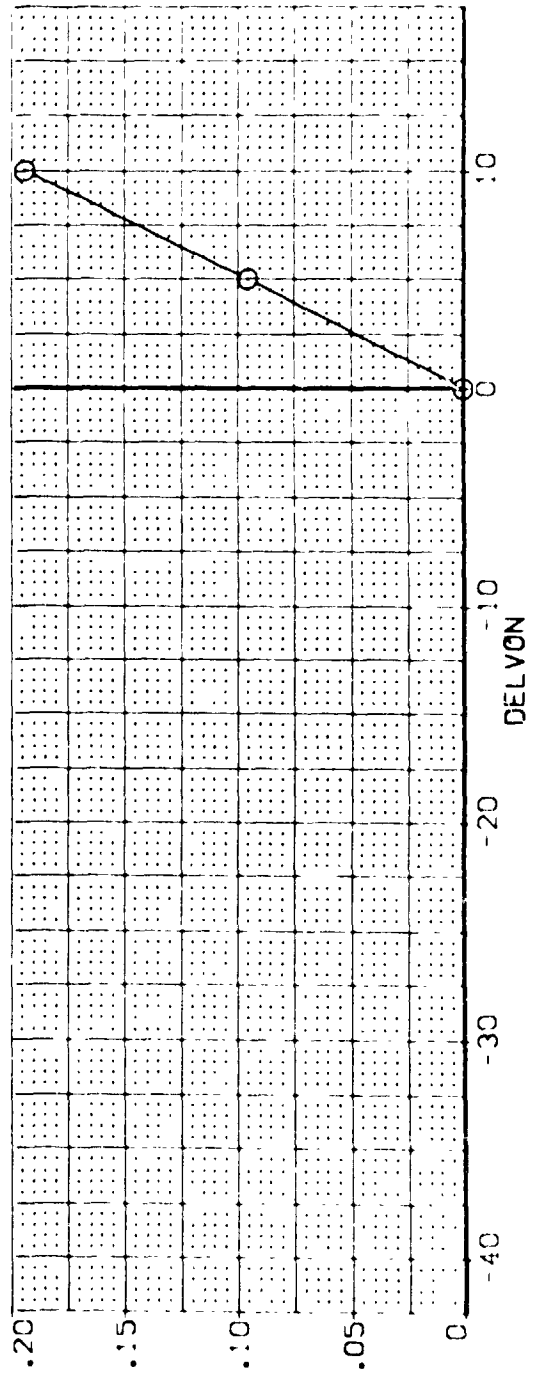
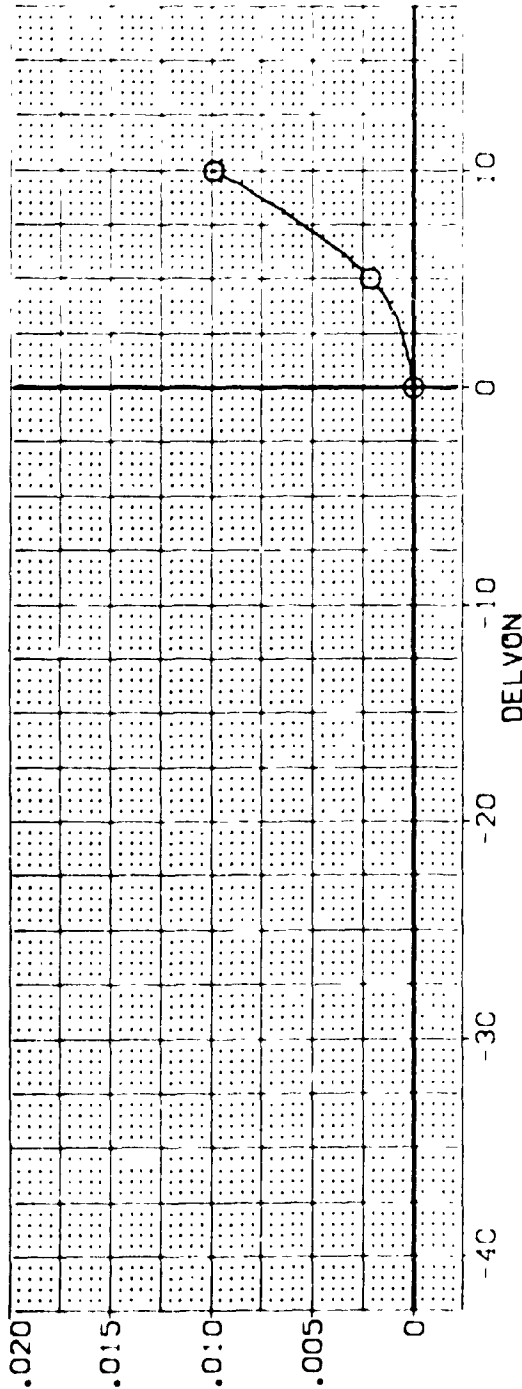


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

0A628 826C9 M7F8 W122E28V8R5X9 (EDZ314)

SYMBOL		PARAMETRIC VALUES		DATA SOURCE		REFERENCE INFORMATION	
O	ALPHA	MACH	BOFLAP	DELTON	SREF	SO,FT	INCHES
	10.000	.200	.000	EDZ314	UREF	19.2299	INCHES
		.000	RUDER	.000	BREF	37.9359	INCHES
		25.000	BETA	.000	XREF	43.5974	INCHES
					YREF	.0000	INCHES
					ZREF	15.1875	INCHES
					SCALE	.0405	SCALE

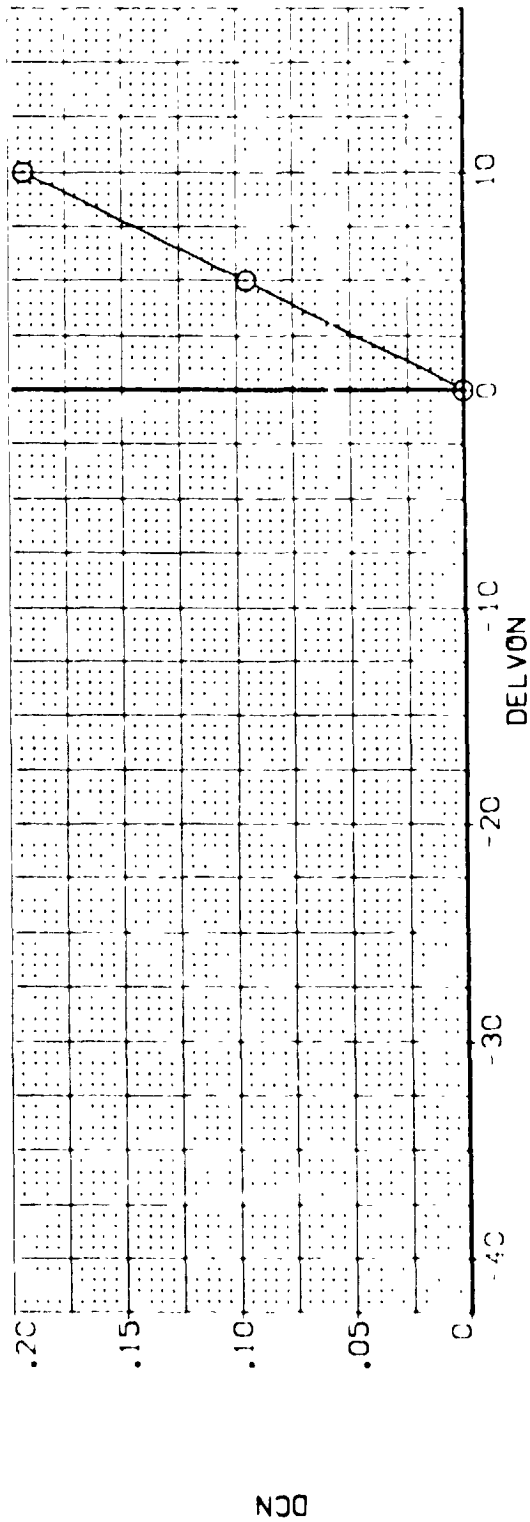
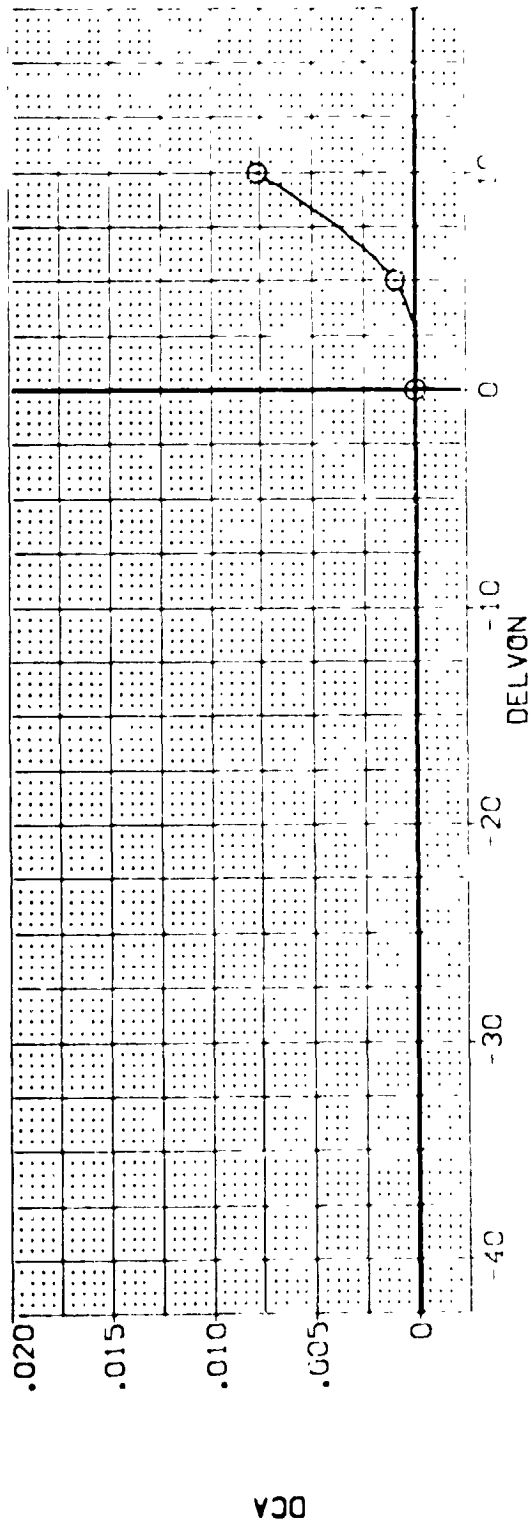


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

0A628 B26C9 W7F8 W122E28V8P5X9 (E0Z314)

PARAMETRIC VALUES			DATA SOURCE		REFERENCE INFORMATION		
ALPHA	MACH	BOFLAP	DELTON	DELTON	SCF	SCF	SCF
15.000	.200	.000	.000	5.000	19.2298	19.2298	19.2298
	.000	.000	.000	5.000	37.9359	37.9359	37.9359
	25.000	.000	.000	5.000	43.5974	43.5974	43.5974
		BETA			.0000	.0000	.0000
					15.1873	15.1873	15.1873
					SCALE	SCALE	SCALE

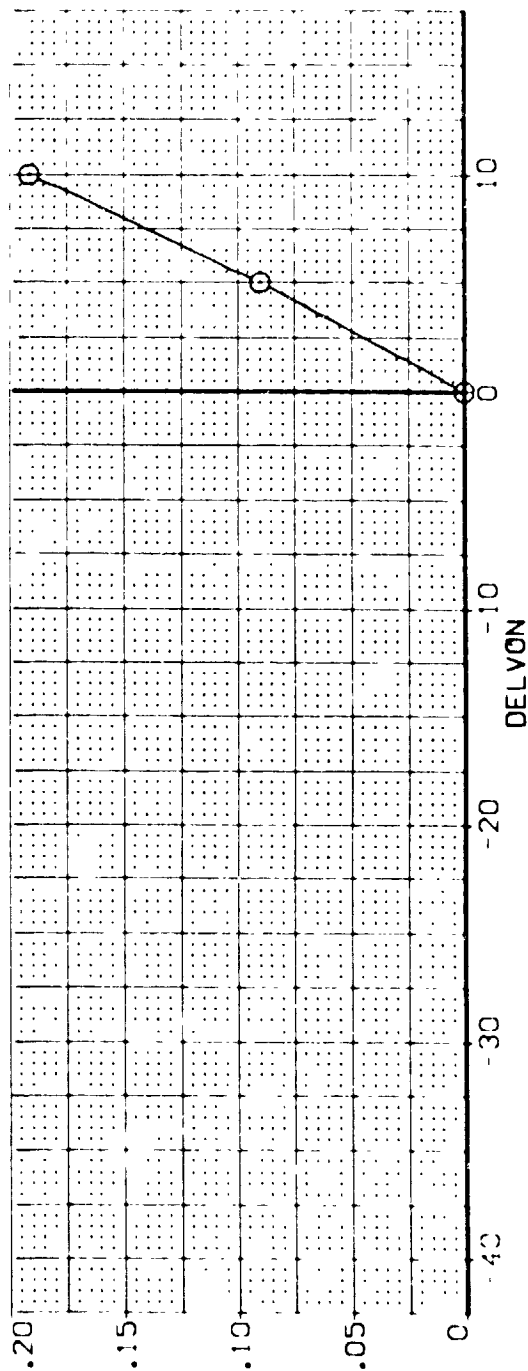
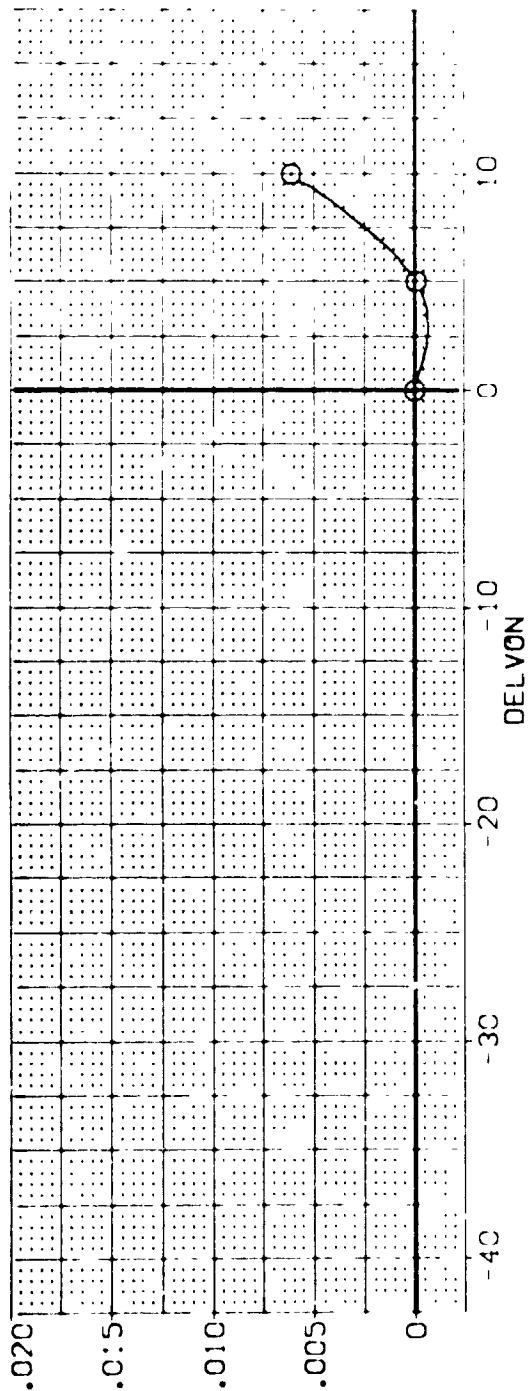


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

0A628 B26C9 M7F8 W122E28V8R5X9 (EDZ314)

SYMBOL	PARAMETRIC VALUES				DATA SOURCE		REFERENCE INFORMATION				
	ALPHA	MACH	BOFLAP	DATA SET	DEL VON	DEL VON	SREF	SC.FT.	NC.FS	NC.FS	SCALE
○	20.000	A11RON	.000	EDZ314	.000	5.000	19.7799	4.4119	37.9369	NC.FS	
		SYDBRK	75.000	EDZ322	10.000		43.5974		15.1875	NC.FS	
			BETA				YMRP			NC.FS	
							ZMRP			NC.FS	
							SCALE			SCALE	

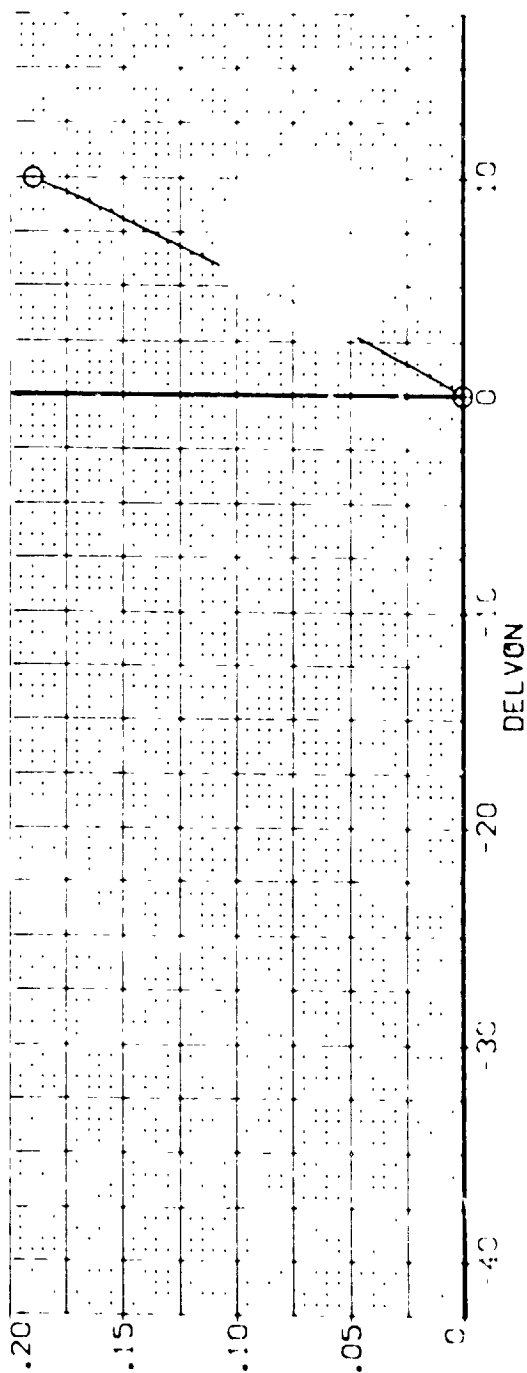
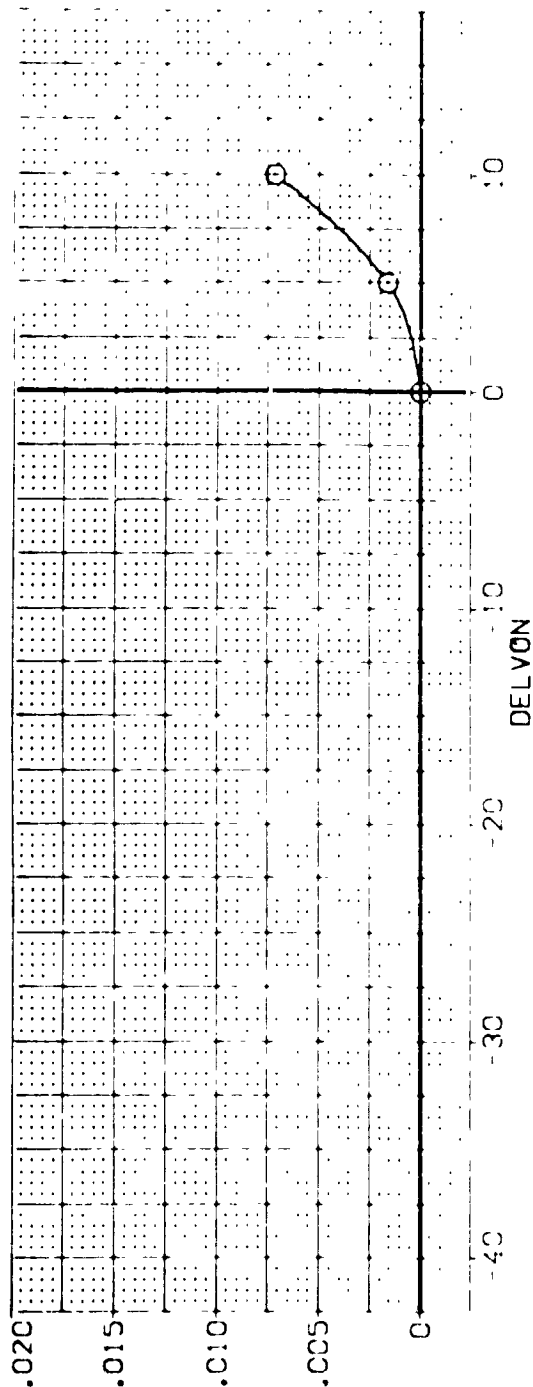


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE. 25 DEG FLARE

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES			DATA SOURCE		REFERENCE INFORMATION				
			SPDRM	25,000	RUDER	.000	BOFLAP	.200	DELVN	5,000	SRF	4,411.9
	25,000	ALRON					DELVN	5,000	SRF	19,200.9	SCALF	15,045
							DELVN	10,000	SRF	37,931.9	SCALF	15,045
							DELVN	10,000	SRF	43,591.1	SCALF	15,045
							DELVN	10,000	SRF	15,045	SCALF	15,045
							DELVN	10,000	SRF	15,045	SCALF	15,045

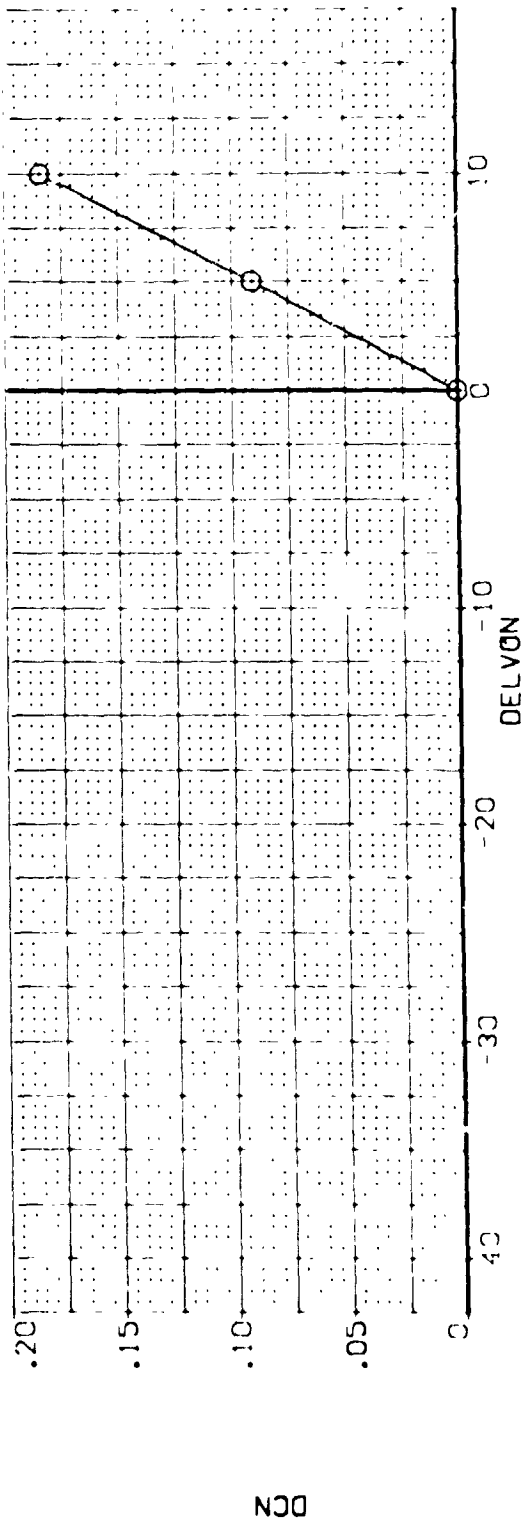
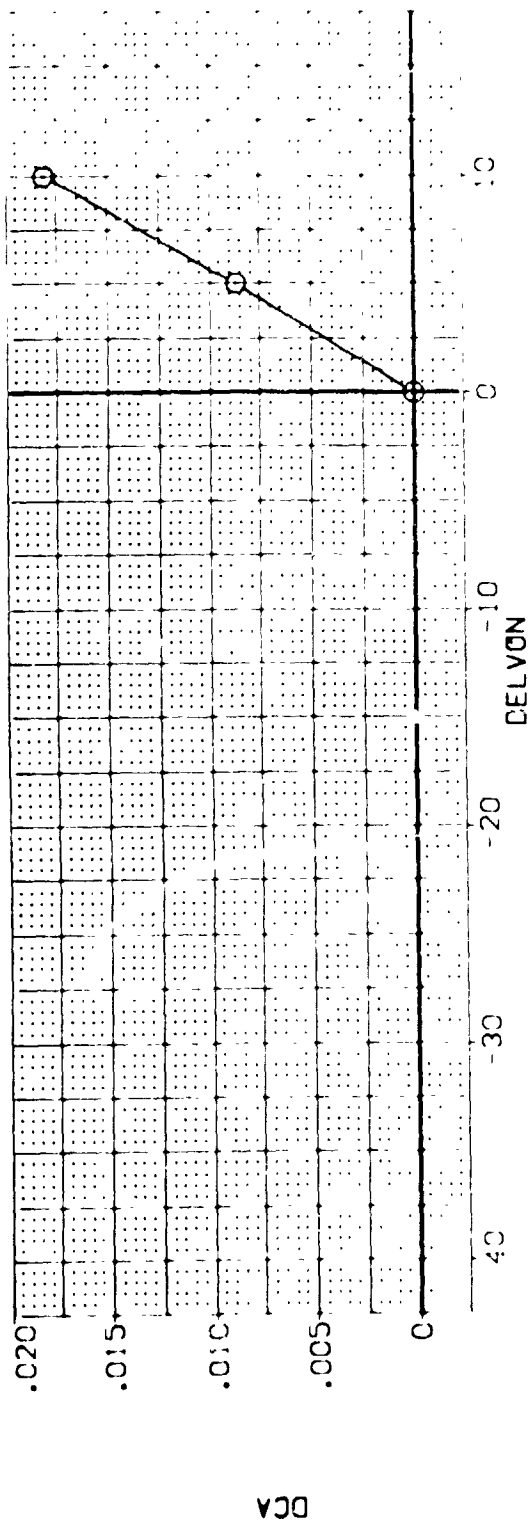


FIG 111 ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

(EDZ314)

SYMBOL	ALPHA	MACH	PARAMETRIC VALUES	DATA SOURCE	DELTON	SREF	REFERENCE INFORMATION
O	30.000	AIRRON	.200 BOFLAP	-12.000 DATASET	DELTON	LBFF	4.4119 SQ.FT.
		SPOBRK	.000 RJODER	.000 E07314	5.000	BREFF	19.7298 IN.CE.S
			25.000 BETA	.000 E07372	10.000	XTRP	37.9353 IN.CE.S
						ZTRP	43.5974 IN.CE.S
						SCALE	.0000 IN.CE.S
							15.1875 SCALE
							.0405

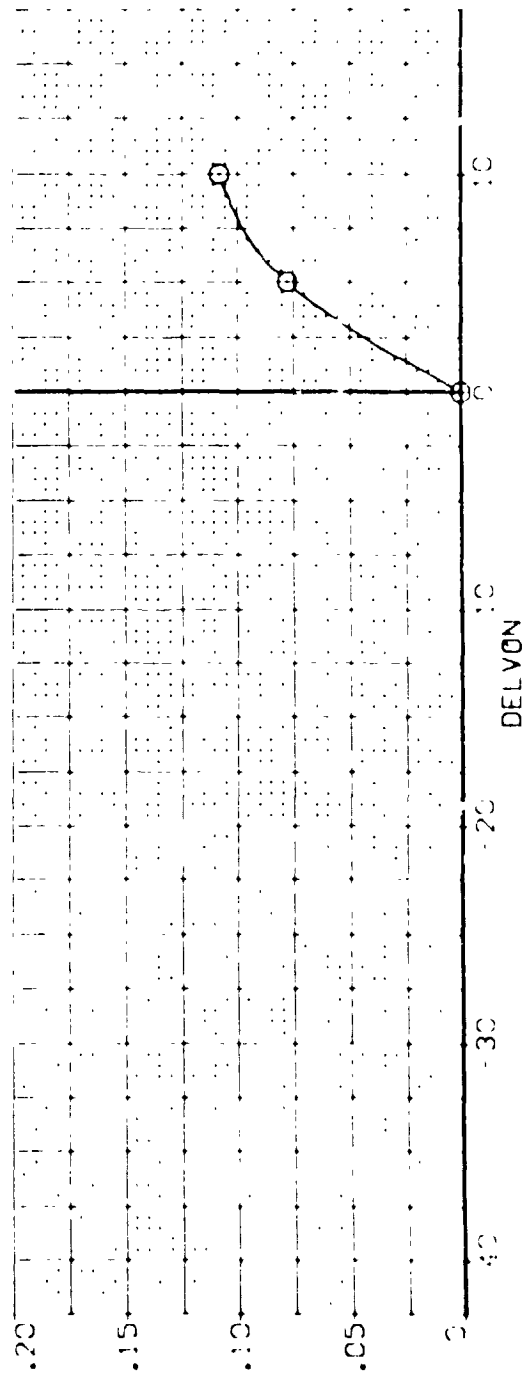
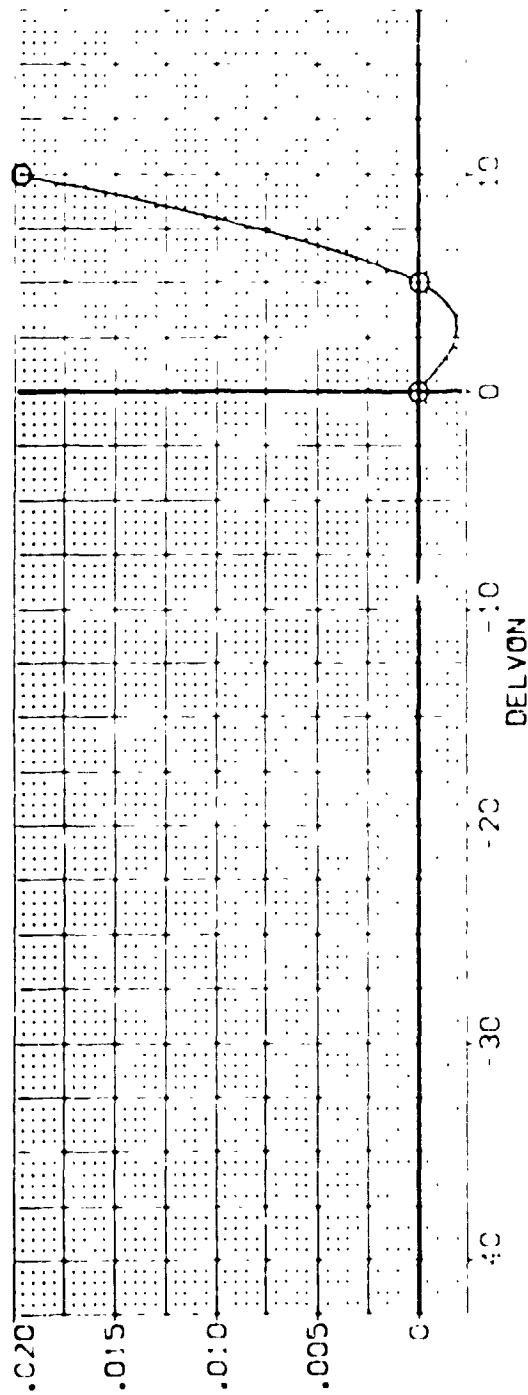


FIG 11: ELEVON EFFECTIVENESS, ELLIPTICAL WING LE, 25 DEG FLARE

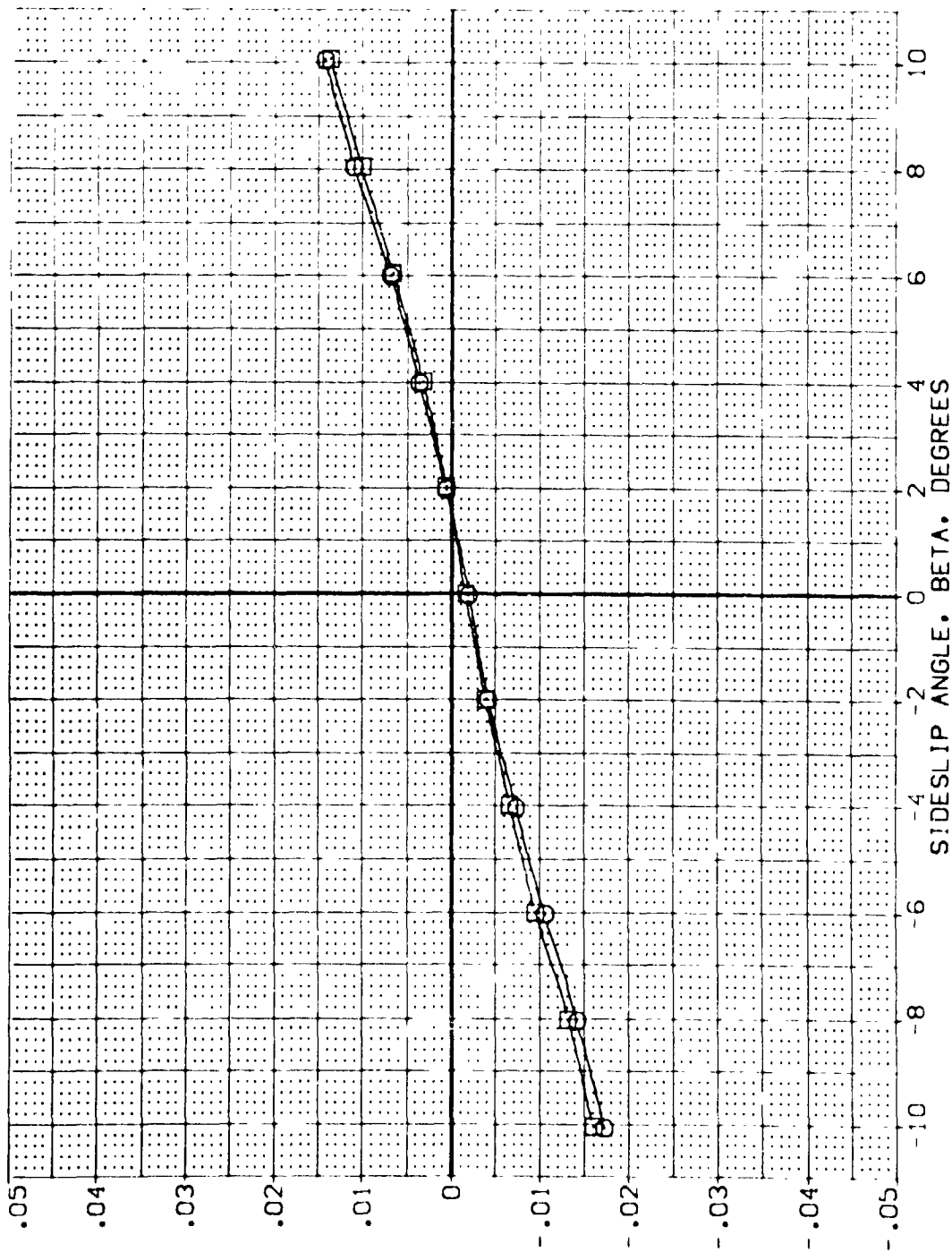
DATA SET SYMBOL: (R02119)
 (R02119) (R02119)
 (R02119) (R02119)

CONFIGURATION DESCRIPTION

04628 026C9 M778 V116E 28V85X9
 04628 026C9 M778 V122E 28V85X9

ALPHA: .000
 RUDDER: .000
 SPOILER: .000
 ALL: .000

REFERENCE INFORMATION:
 SREF: 4.4119 SCAL: S
 LREF: 19.2709 SCAL: S
 BREF: 37.9359 SCAL: S
 XMRP: 43.5874 SCAL: S
 YMRP: .0000 SCAL: S
 ZMRP: 15.875 SCAL: S
 SCALE: .0400



YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

FIG 112 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 0
 (A) MACH = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AIRLON	REFERENCE INFORMATION
(R02119)	DAS28 B26C9 M78	.000	.000	25.000	.000	SREF 4.4119 SC.FT
(R02315)	DAS28 B26C9 M78	.000	.000	25.000	.000	LREF 19.2299 INCHES
						BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405 SCALE

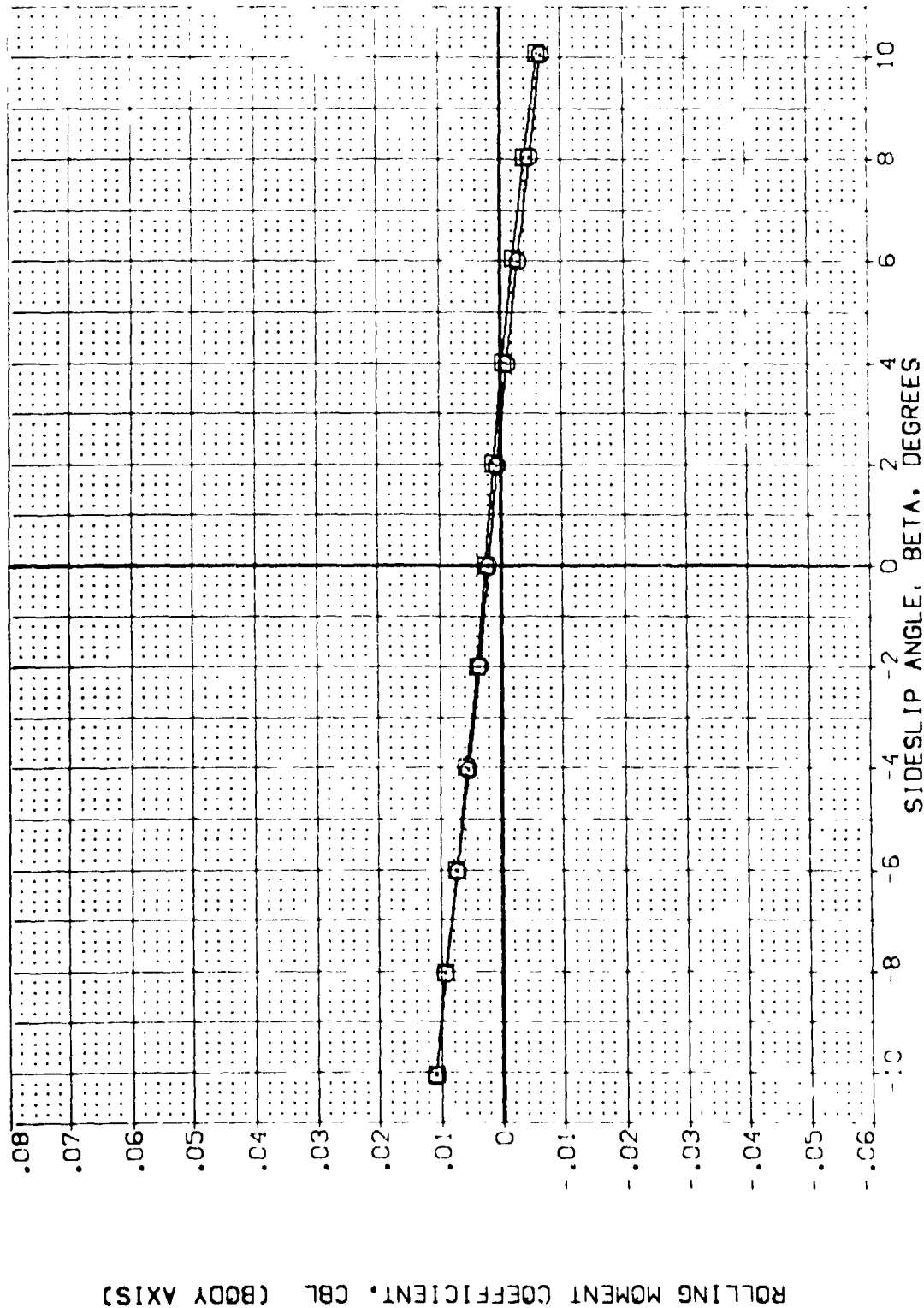


FIG 112 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 0

CADWAC- .20

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RJODER	SPOBRK	AILRON	REFERENCE INFORMATION
(R02119)	0A62B B76C9 M7F8 V11SE28V8PSX9	.000	.000	25.000	.000	SREF 4.4119 SQ.FT
(R02315)	0A62B B76C9 M7F8 V12ZE28V8PSX9	.000	.000	25.000	.000	LREF 19.2298 INCHES
						BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP .0300 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405 INCHES

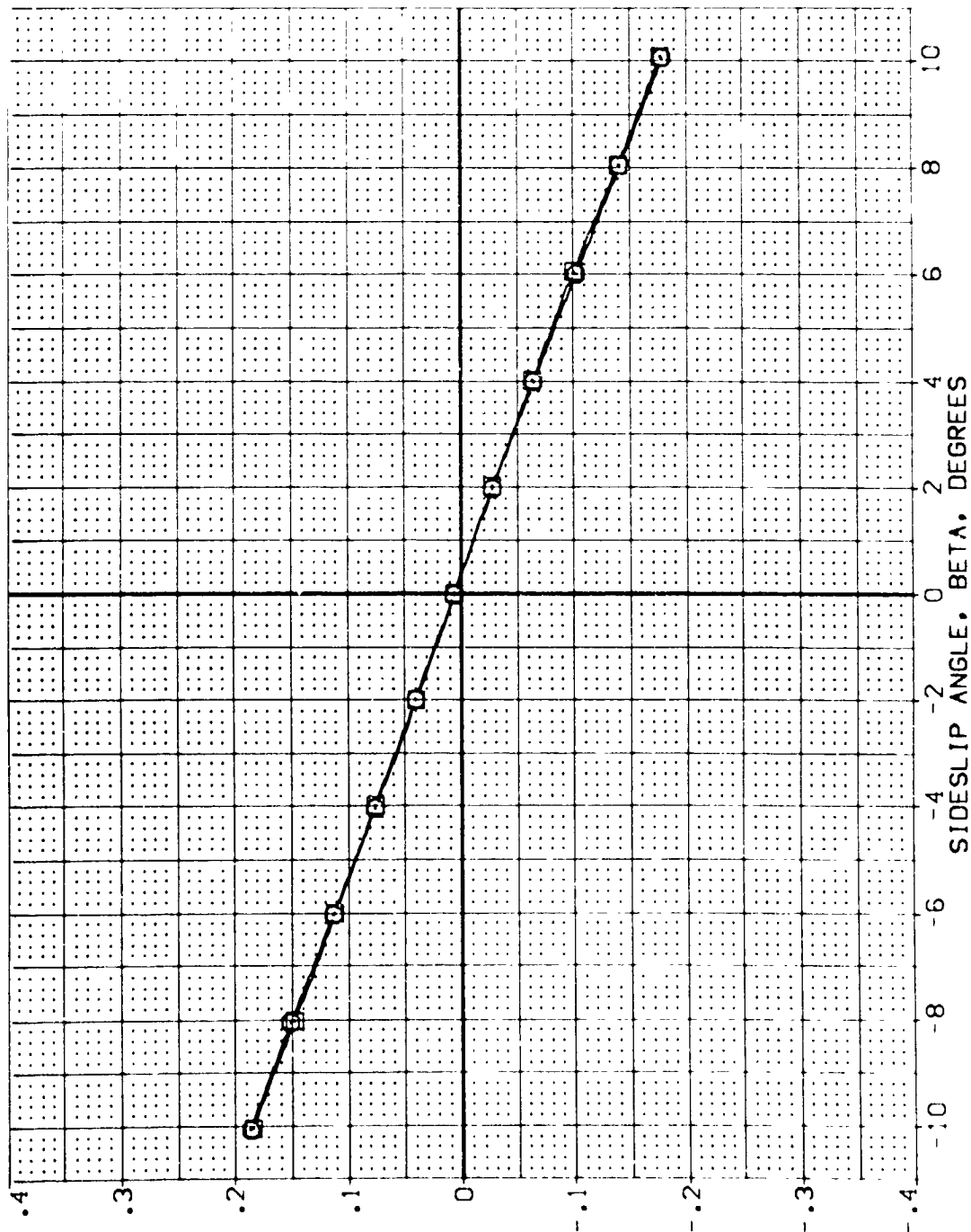


FIG 112 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 0

(A)MACH = .20

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		REFERENCE INFORMATION	
(R07120)	Q	0A628	B076C9	M7F8	V116E28V8PSX9
(R07316)	Q	0A628	B076C9	M7F8	V127E28V8PSX9
				ALPHA	RJ00R
				5.000	.000
				5.000	.000
				SP0BRK	SP0BRK
				25.000	25.000
				25.000	25.000
				ALLRON	ALLRON
				.000	.000
				.000	.000
				SREF	4.4119
				LRREF	19.2299
				BRREF	37.9359
				XRREF	43.5874
				YMRP	.0000
				ZMRP	.0000
				SCALE	15.1875
				SCALE	.0405

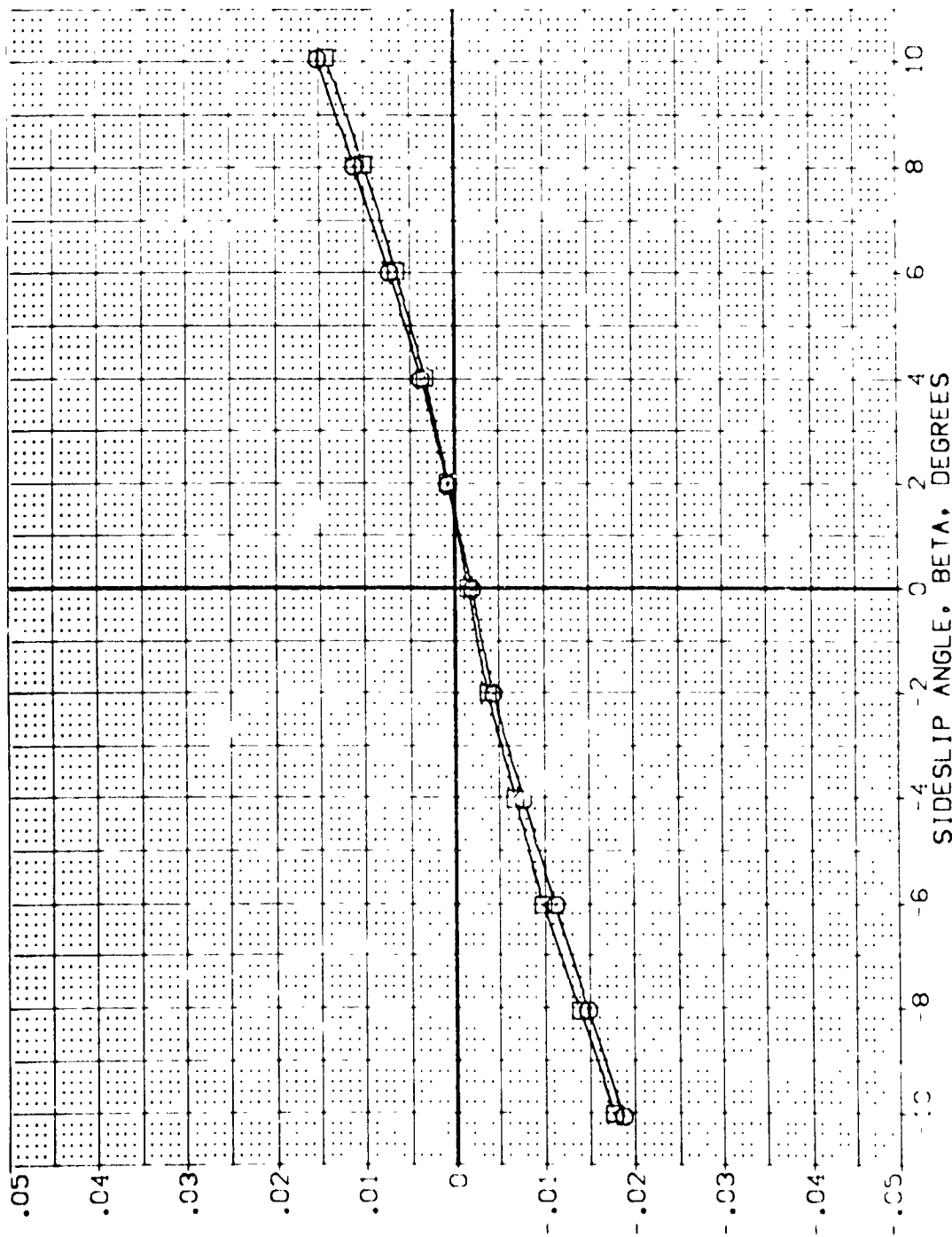


FIG 113 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 5

(A)WAC- .20

DATA SET SYMBOL: (R02120) (R02315)
 CONFIGURATION DESCRIPTION: 0A628 876C9 M778 V115E28/895X9
 0A628 876C9 M778 V12E28/895X9
 ALPHA: 5.000 5.000
 RUDDER: .000 .000
 SPOILER: 25.000 25.000
 AIRLON: .000 .000
 REFERENCE INFORMATION:
 SREF: 4.4117 SQ.FT
 REF: 19.2%
 SREF: 37.9359 NC+5
 YPO: 43.5974 NC+5
 YMRP: .0000 NC+5
 ZMRP: 15.1875 NC+5
 SCALE: .0405 SCALE

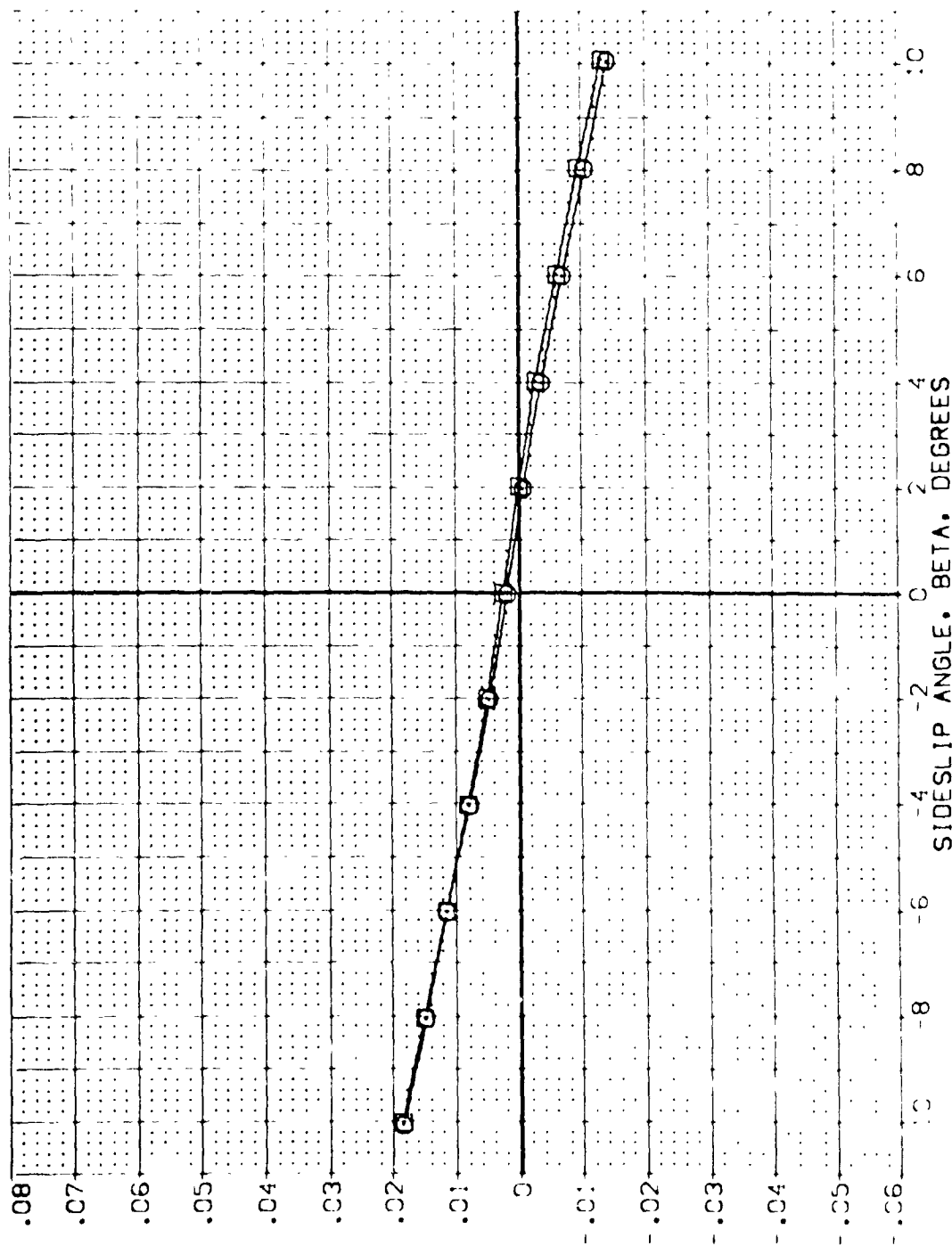


FIG 113 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 5
 CARMAC = .20 PAGE 1220

ROLLING MOMENT COEFFICIENT, CRL (BODY AXIS)

DATA SET SYMBOL: (RQ2170) (RQ2316)

CONFIGURATION DESCRIPTION: Q1628 B26C9 M7F8 V116Z28V8F5X9 Q1628 B26C9 M7F8 V12Z28V8F5X9

REFERENCE INFORMATION: SREF 4.4119 SQ.FT. LREF 19.2299 INCHES BREF 37.9359 INCHES XMRP 43.5974 INCHES YMRP .0000 INCHES ZMRP 15.1875 INCHES SCALE .0405

ALPHA: 5.000 5.000

RUDER: .000 .000

SPOILER: 25.000 25.000

AILERON: .000 .000

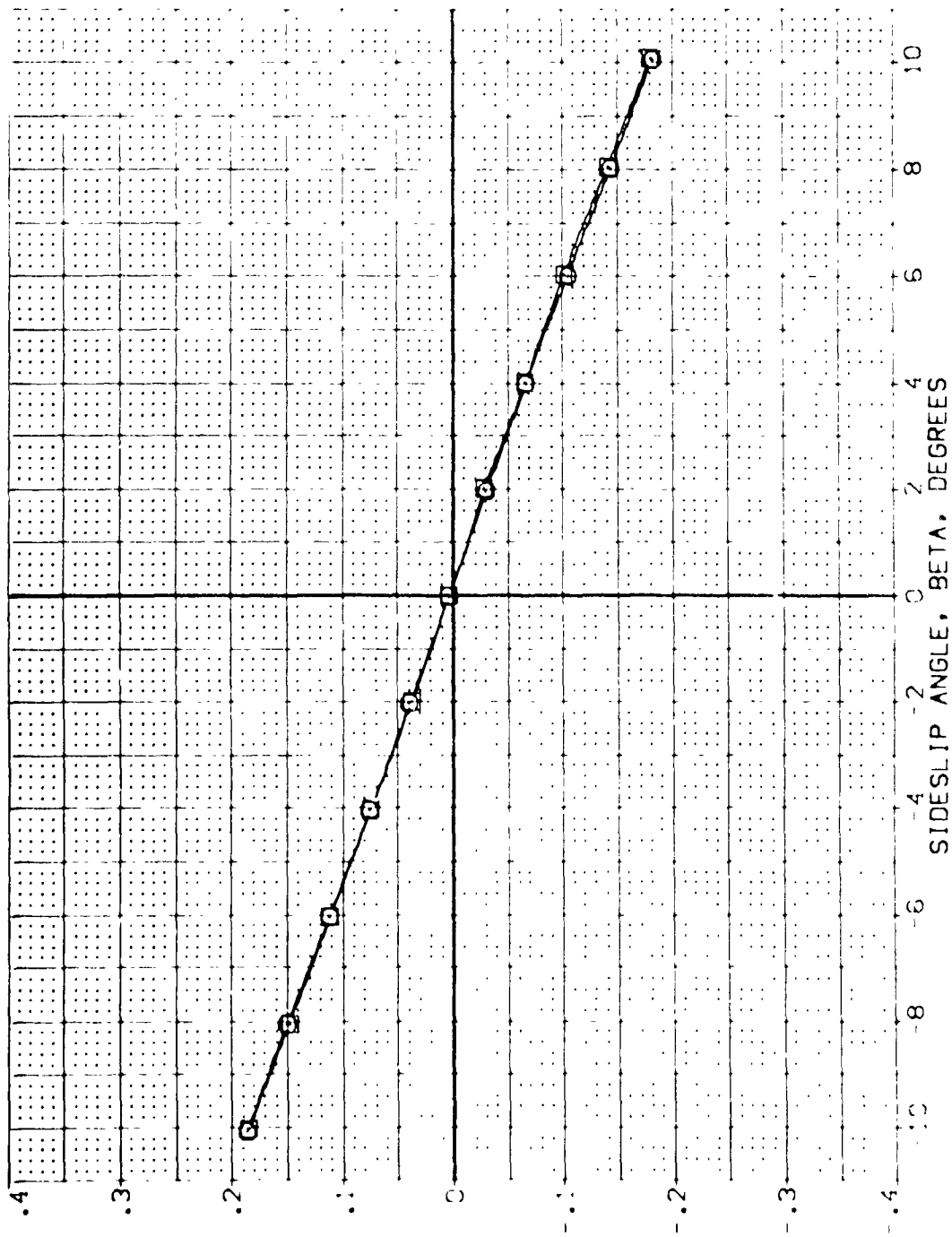


FIG 113 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 5

CADMAC .20

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SIDE FORCE COEFFICIENT, CY

DATA SET SYMBOL: 01628 826C9 M718 V116E28V8P5X9
 (R0212:1) 01628 826C9 M718 V12E28V8P5X9
 (R0213:1) 01628 826C9 M718 V12E28V8P5X9

ALPHA	RUDDER	SPOILER	AIRLIFT	REFERENCE INFORMATION
10.000	.000	25.000	.000	4.4119 SC.F.T.
10.000	.000	25.000	.000	19.2799 SC.F.T.
				37.9359 SC.F.T.
				43.5874 SC.F.T.
				.0000 SC.F.T.
				15.1875 SC.F.T.
				.0405 SC.F.T.

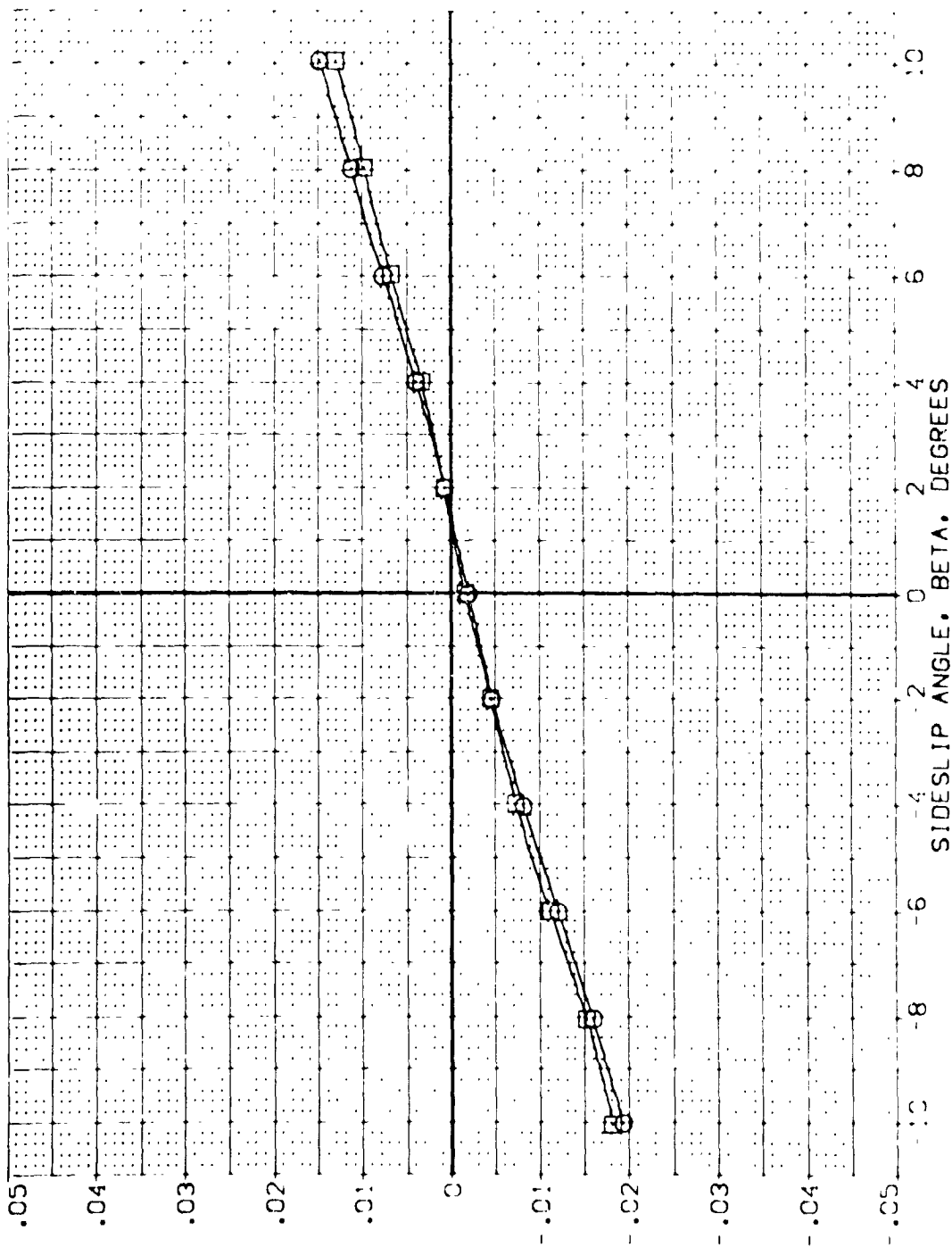


FIG 114 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 10

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (R021211) Q 0A628 B26C9 M718 W116Z8V8K5X9
 (R02317) Q 0A628 B26C9 M718 W12X28V8K5X9

ALPHA RUDDER SPOBRK AIRLON
 10.000 .000 25.000 .000
 10.000 .000 25.000 .000

REFERENCE INFORMATION
 SREF 4.4119 SC.FT
 LREF 19.2299 SC.FT
 BREF 37.9359 SC.FT
 XREF 43.5974 SC.FT
 YREF .0000 SC.FT
 ZREF 15.1875 SC.FT
 SCALE .0405

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

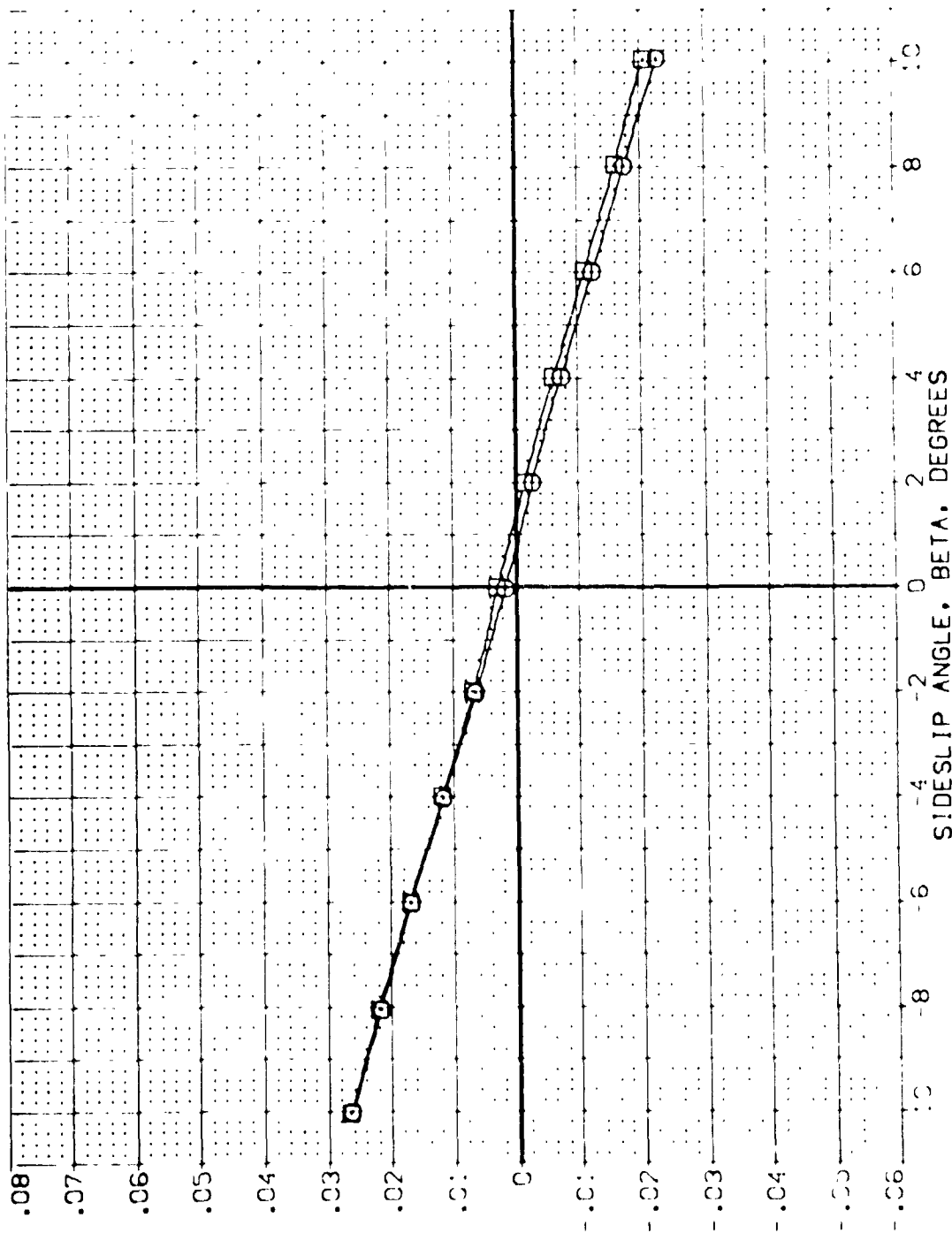


FIG 114 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 10

CADMAC .20

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPDRBK	AIRLON	REFERENCE INFORMATION
(RQZ121)	QAG28 B76C9 M7F8 V116E28V8PSX9	10.000	.000	25.000	.000	SREF 4.4119 SQ.FT. NC+TS
(RQZ317)	QAG28 B76C9 M7F8 V122E28V8PSX9	10.000	.000	25.000	.000	LRFF 19.2299 NC+TS
						BRFF 37.9359 NC+TS
						XMRP 43.5974 NC+TS
						YMRP .0000 NC+TS
						ZMRP 15.1875 NC+TS
						SCALE .0005

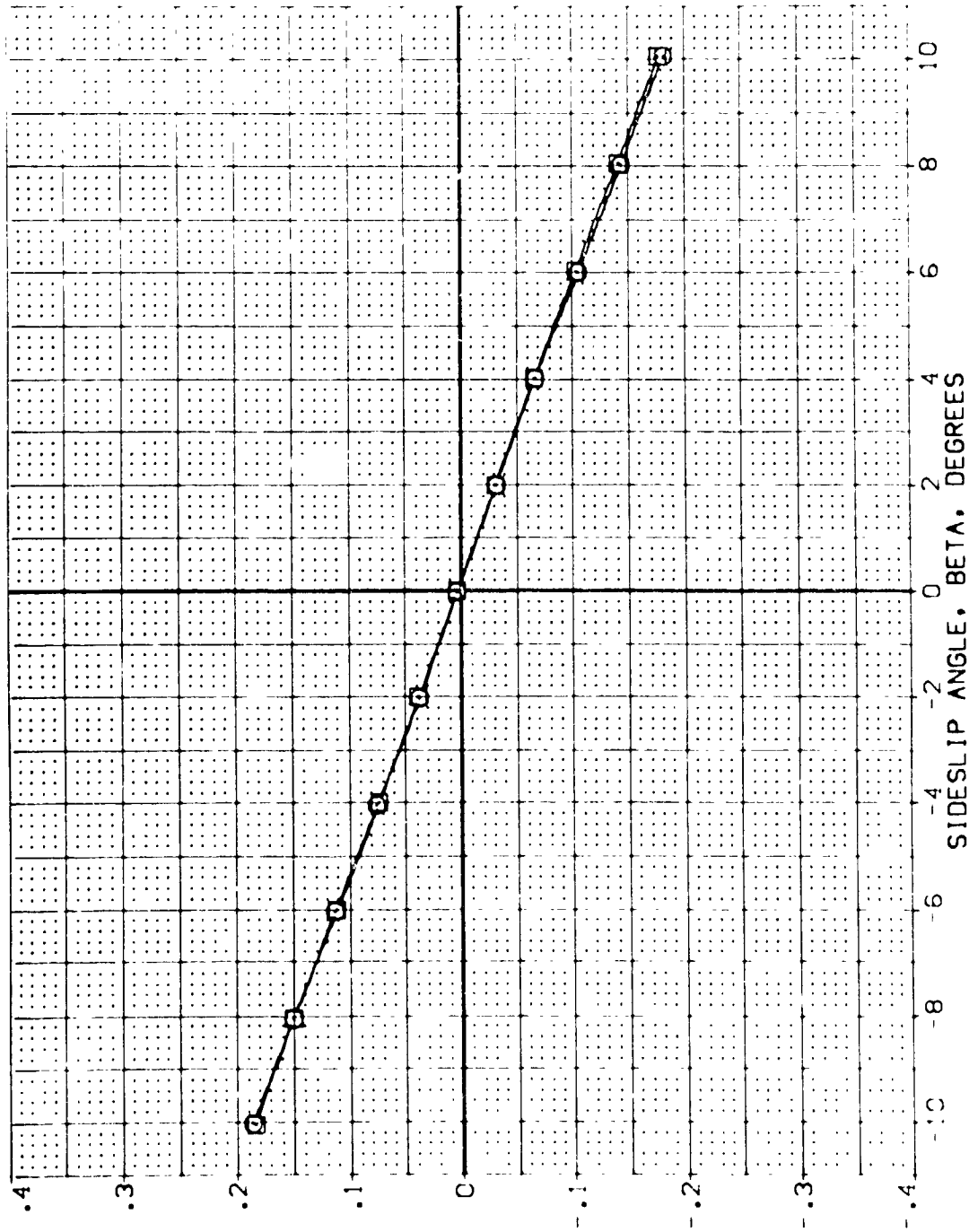


FIG 114 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 10
 (A) MAC = .20 PAGE 1274

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RJORDER	SPOBRK	ATLRON	REFERENCE INFORMATION
(R02122)	04528 B26C9 M75 B V116E28V8PSX9	15.000	.000	25.000	.000	SREF 4.4119 SC.FT.
(R02318)	04528 B26C9 M75 B V122E28V8PSX9	15.000	.000	25.000	.000	LREF 19.2289 INCHES
						BREF 37.9359 INCHES
						X4PP 43.3574 INCHES
						Y4PP .0000 INCHES
						Z4PP 15.1875 INCHES
						SCALE .0405 SCALE

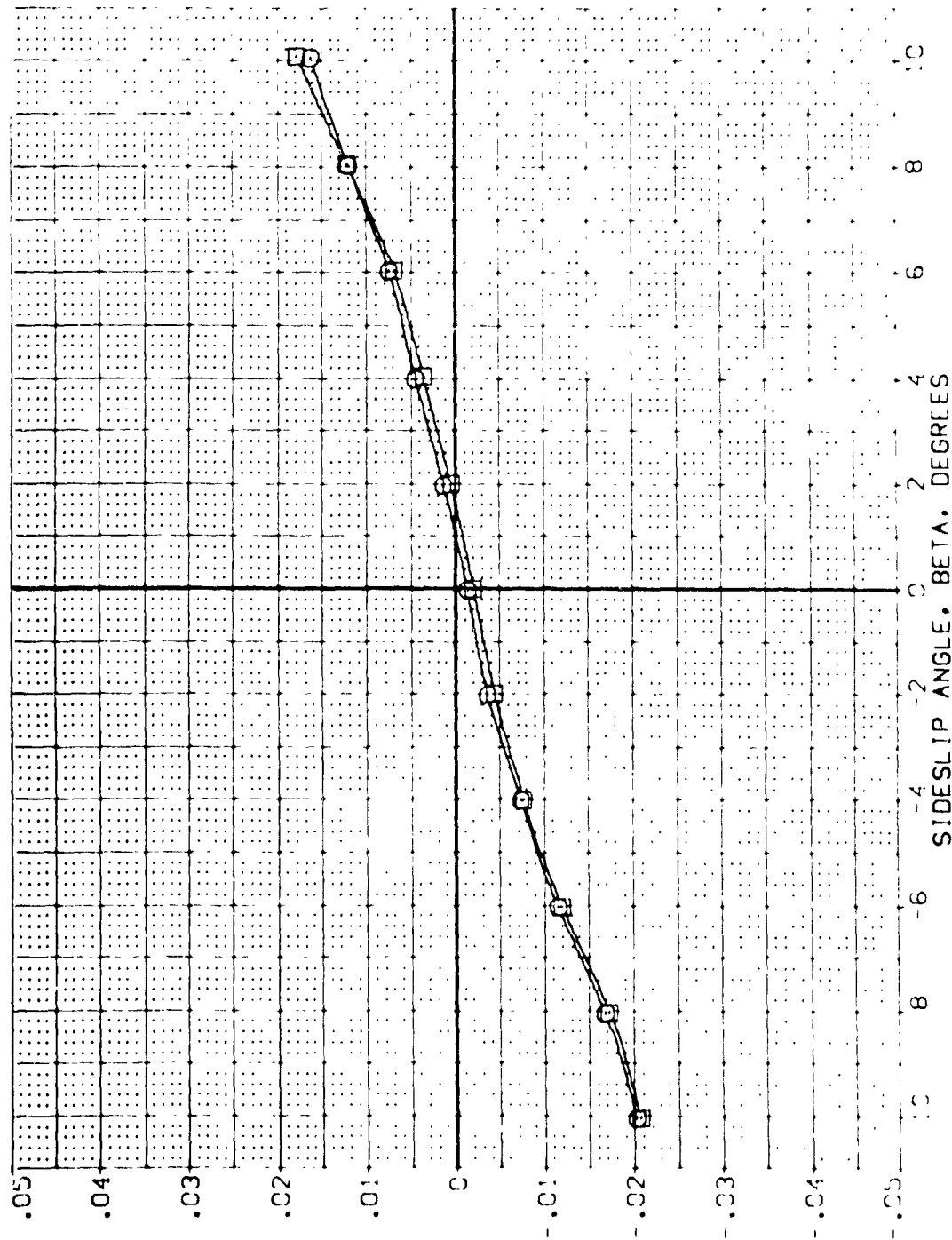


FIG 115 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 15

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.20

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AILRON	REFERENCE INFORMATION
(R02122)	0A628 B76C9 M7E8 V11GE28V8PSX9	15.000	.000	25.000	.000	SREF 4.419 SC1.57
(R021318)	0A628 B76C9 M7E8 V127E28V8PSX9	15.000	.000	25.000	.000	LRFF 19.759 NC+S
						BK 37.9359 NC+S
						XAPP 43.5574 NC+S
						YAPP .0000 NC+S
						ZAPP 15.1875 NC+S
						SCALE 15.000 SC1.57

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

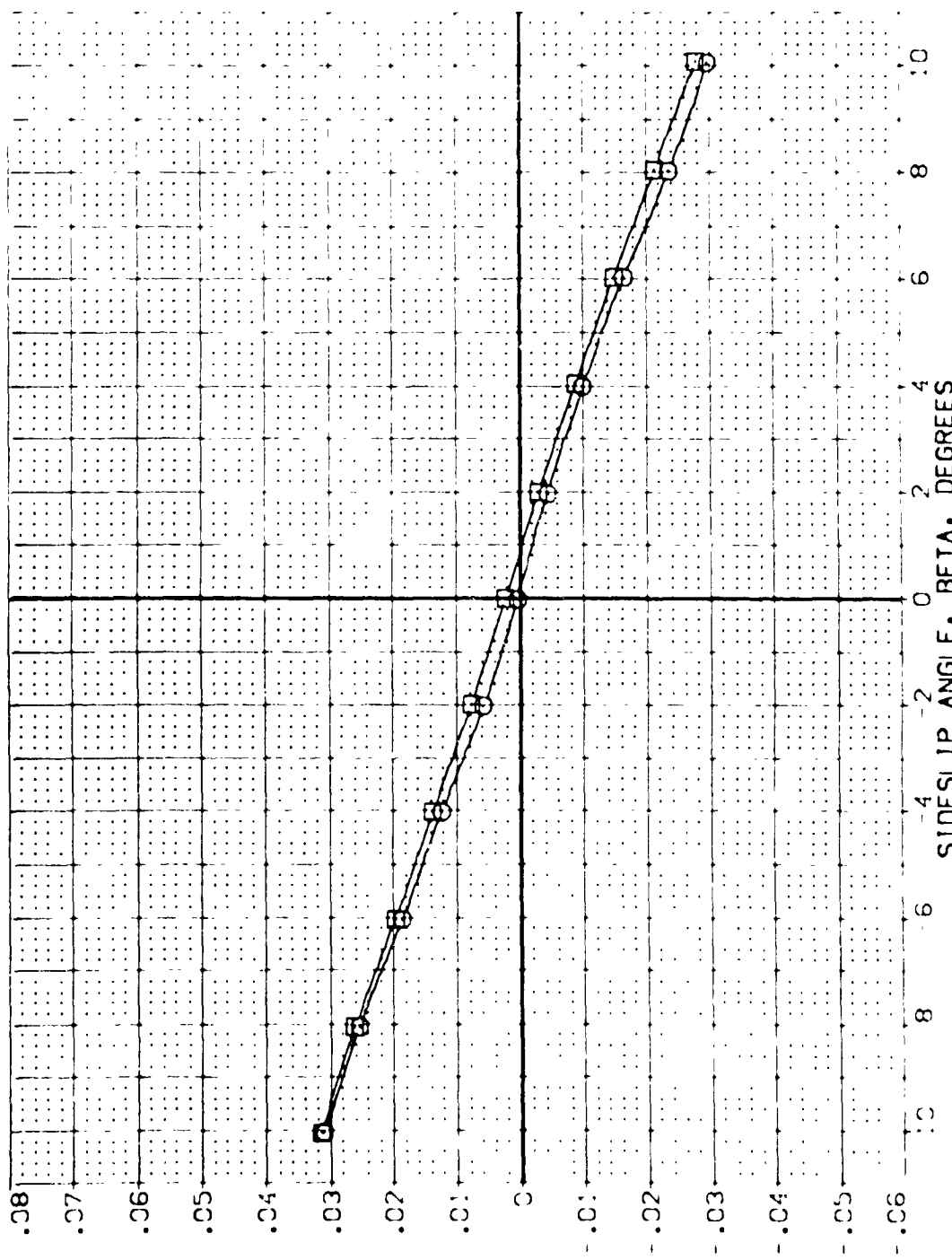


FIG 115 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 15

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOON	AIRLON	REFERENCE INFORMATION
(R02122)	0A628 826C9 M7F8 V116E28V85X9	15.000	.000	25.000	.000	SREF 4.4118 SQ.FT. INCHES
(R021318)	0A628 826C9 M7F8 V122E28V85X9	15.000	.000	25.000	.000	LREF 19.2299 INCHES
						BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP .0000 INCHES
						ZMRP 15.1875 INCHES
						SCALE .0405

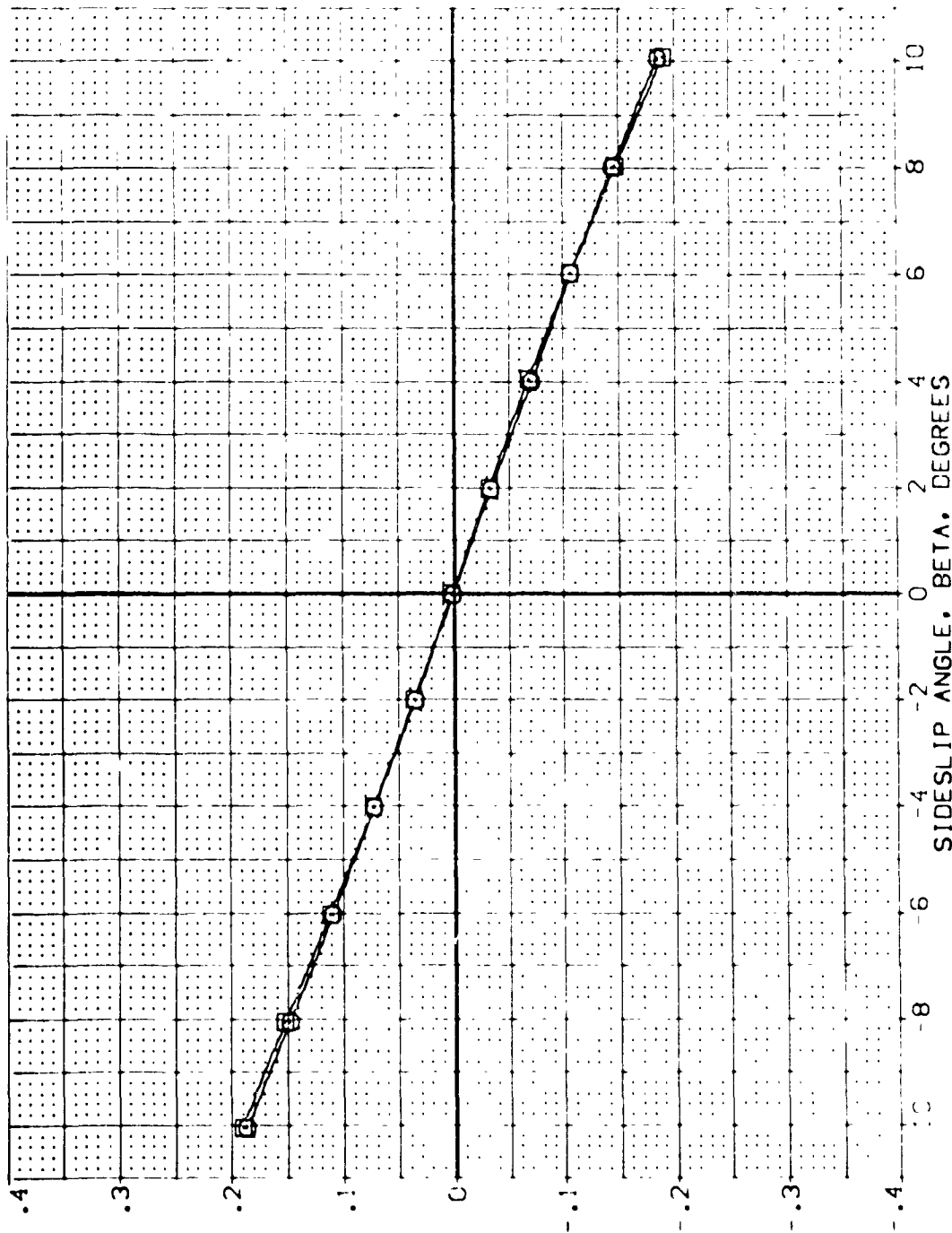


FIG 115 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 15

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (R2/123) Q CAS28 B76C9 W/B 8 V/L 26.895X9
 (R2/319) Q CAS28 B76C9 W/B 8 V/L 26.895X9

ALPHA RUDDER SPEED ALL POS REFERENCE INFORMATION SCALE
 20.000 .000 25.000 .000 4.419 SCALE
 20.000 .000 25.000 .000 19.2749 SCALE
 20.000 .000 25.000 .000 37.9339 SCALE
 20.000 .000 25.000 .000 43.5874 SCALE
 20.000 .000 25.000 .000 15.1815 SCALE
 20.000 .000 25.000 .000 15.1815 SCALE

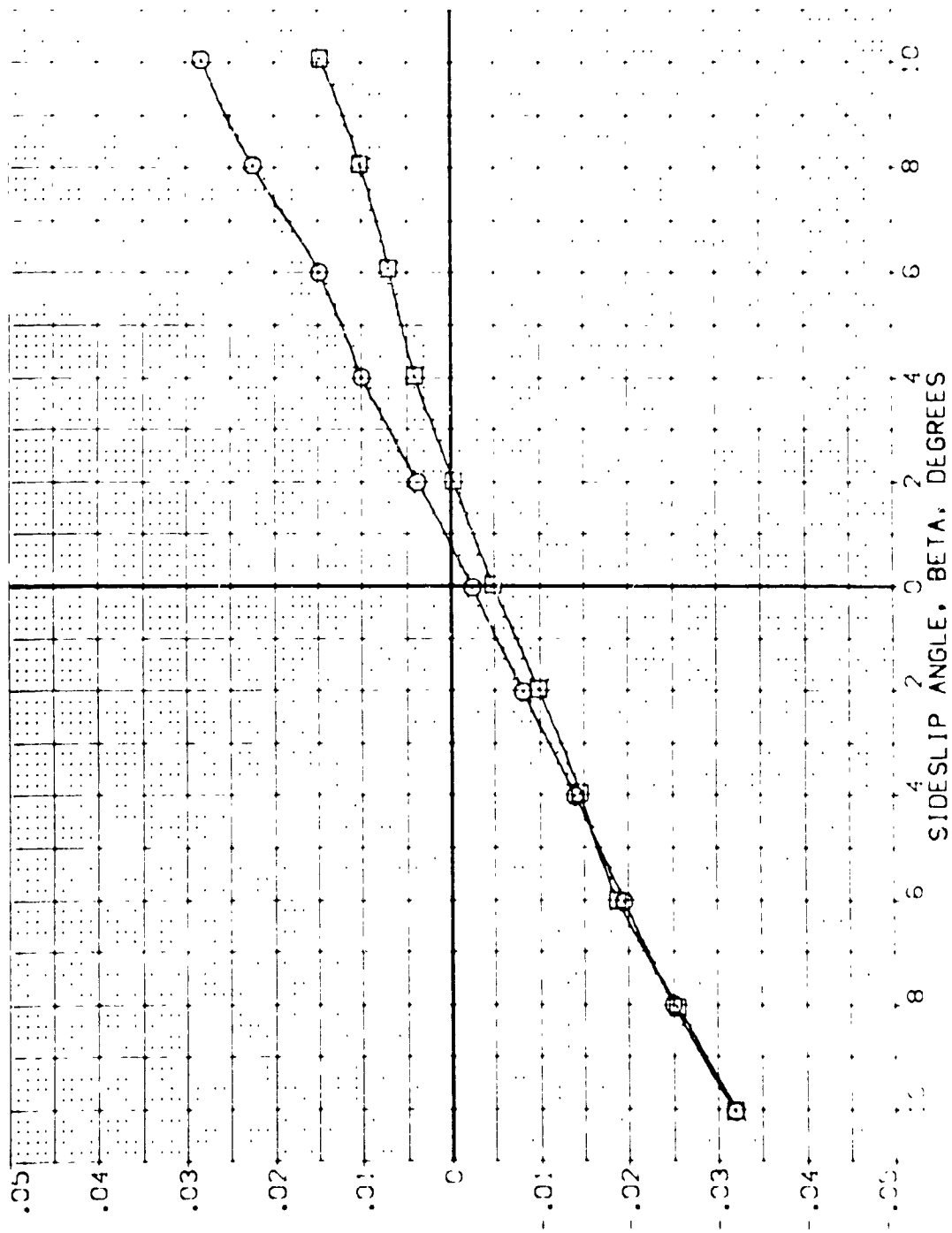


FIG 116 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 20
 CAS28 B76C9 W/B 8 V/L 26.895X9

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RJODER	SPOBARK	ALLRON	REFERENCE INFORMATION
(R02173)	Q 04678 B76C9 M768 V116E 20:00RSX9	20.000	.000	25.000	.000	SREF 4.4119 SC.F1
(R22319)	Q 04678 B76C9 M768 V122E 20:00RSX9	20.000	.000	25.000	.000	LREF 19.2299 SC.F1
						BREF 37.9359 SC.F1
						XREF 43.5974 SC.F1
						YREF .0000 SC.F1
						ZREF 15.1875 SC.F1
						SCALE .0405 SC.F1

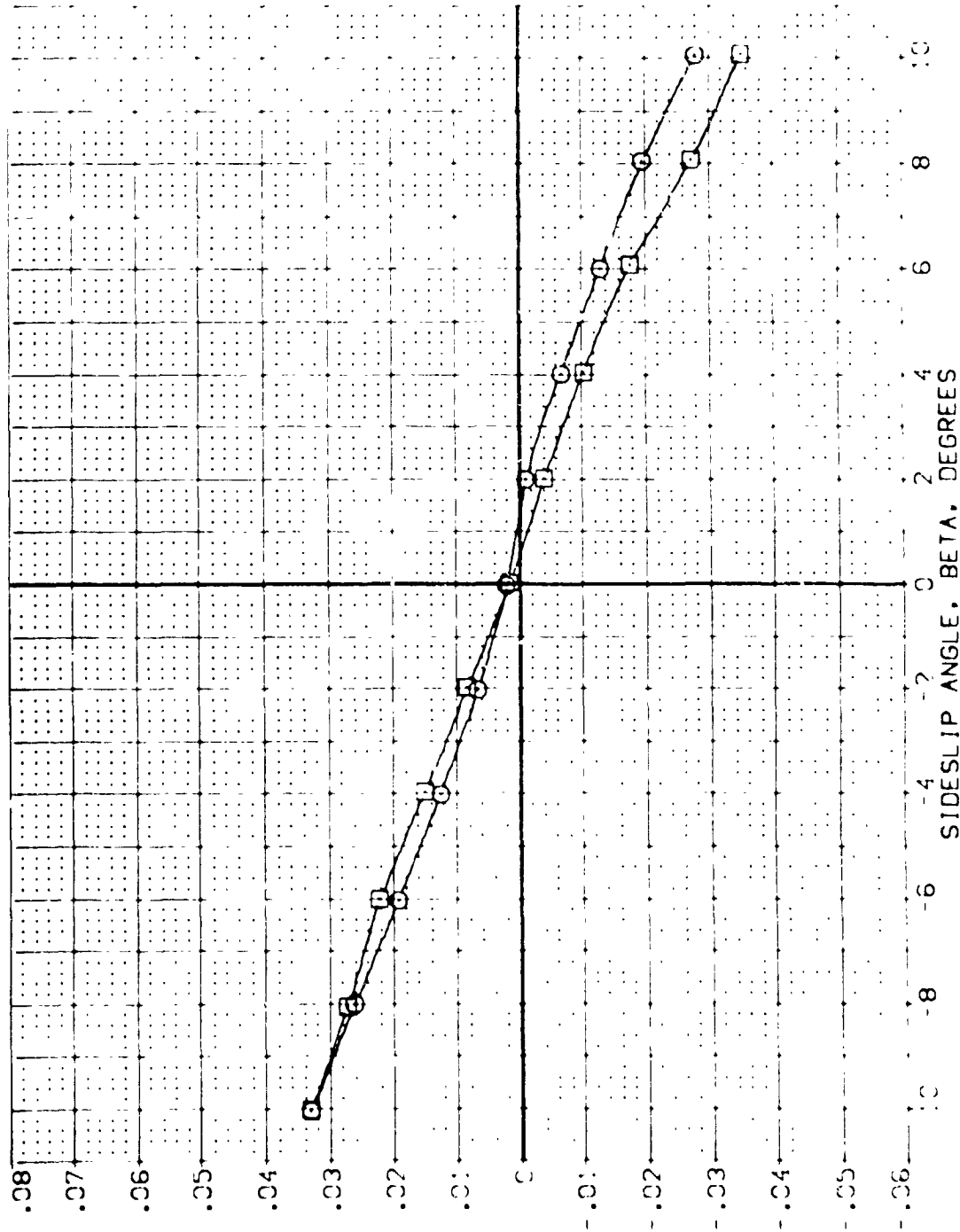


FIG 116 EFFECT OF ELLIPTICAL WING LE ON LAT-DIR STAB., 25 DEG FLARE, ALPHA = 20

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (R02123) Q 0A628 B26C9 M7F8 V116Z8V85X9
 (R021319) Q 0A628 B26C9 M7F8 V12Z8V85X9

ALPHA 20.000
 FLUDER .000
 SPOBRK 25.000
 ALLRON .000
 SREF 4.9119
 LRF 19.2259
 BRFF 37.9259
 XPRP 43.5574
 YPRP .0000
 ZPRP 15.1875
 SCALE .0105
 REFERENCE INFORMATION
 SOFT 3
 SC+S 3
 SC+S 3
 SC+S 3
 SC+S 3
 SCALE

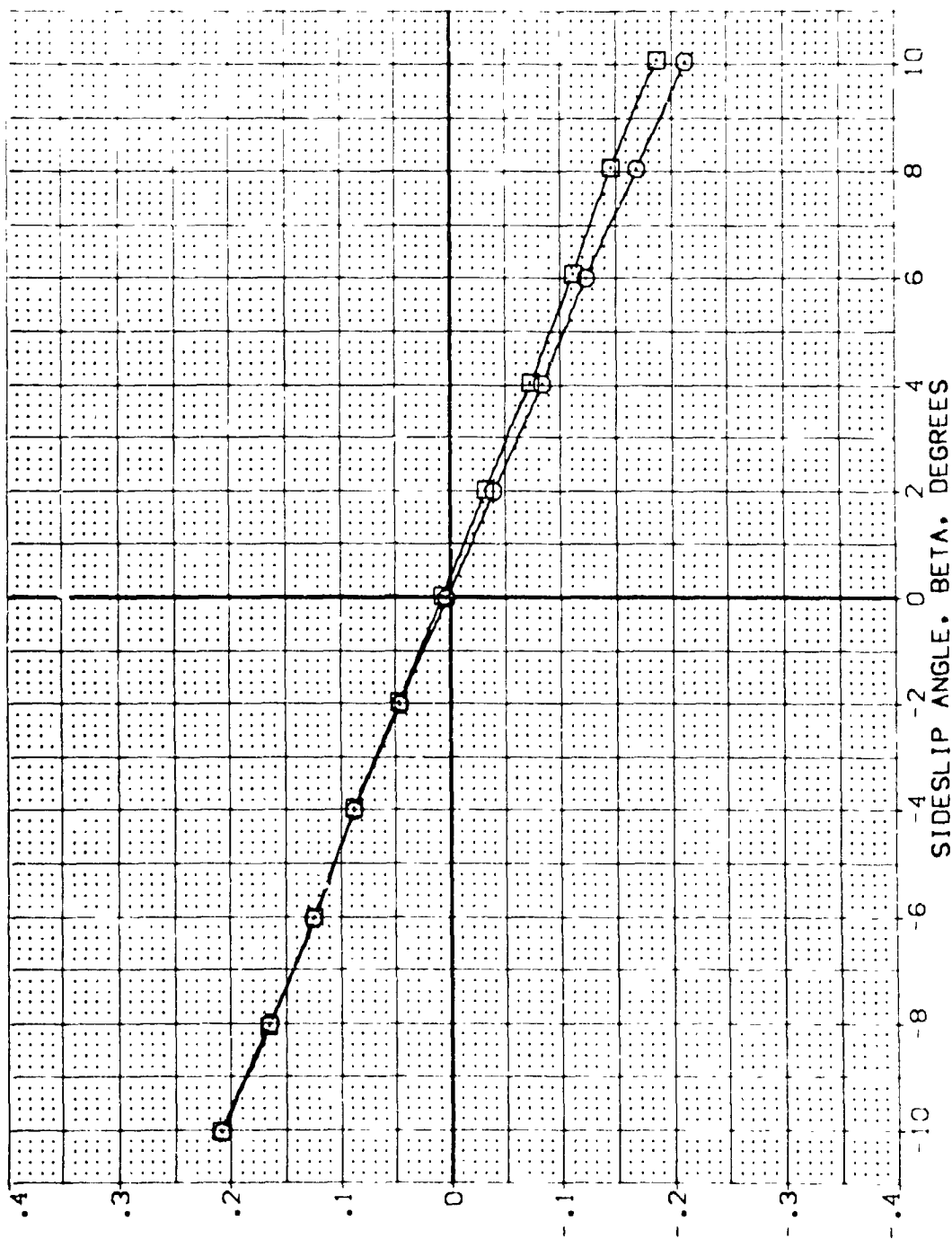


FIG 116 EFFECT OF ELLIPTICAL WING LE ON LAT-3, STAB., 25 DEG FLARE, ALPHA = 20
 (A) MACH = .20
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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RHLRAD	RUDDER	BOFLAP	REFERENCE INFORMATION
[802228]	0A628 B26C9 M7F8 V116E28V1SR10X9	.000	.000	.000	-12.000	SREF 4.4119 SQ.FT.
[802284]	0A628 B26C9 M7F8 V116E23V1SR7X9	.000	2.090	.000	-12.000	LREF 19.2299 INCHES
[802281]	0A628 B26C9 M7F8 V116E18V1SR8X9	.000	4.940	.000	-12.000	BREF 37.9358 INCHES
[802403]	0A628 B26C9 M7F8 V116E28V1SR10X9	.000	6.120	.000	-12.000	YMRP 43.5974 INCHES
[802409]	0A628 B26C9 M7F8 V116E28V1SR10X9	.000	6.120	.000	-12.000	ZMRP 15.1875 INCHES
						SCALE .0405

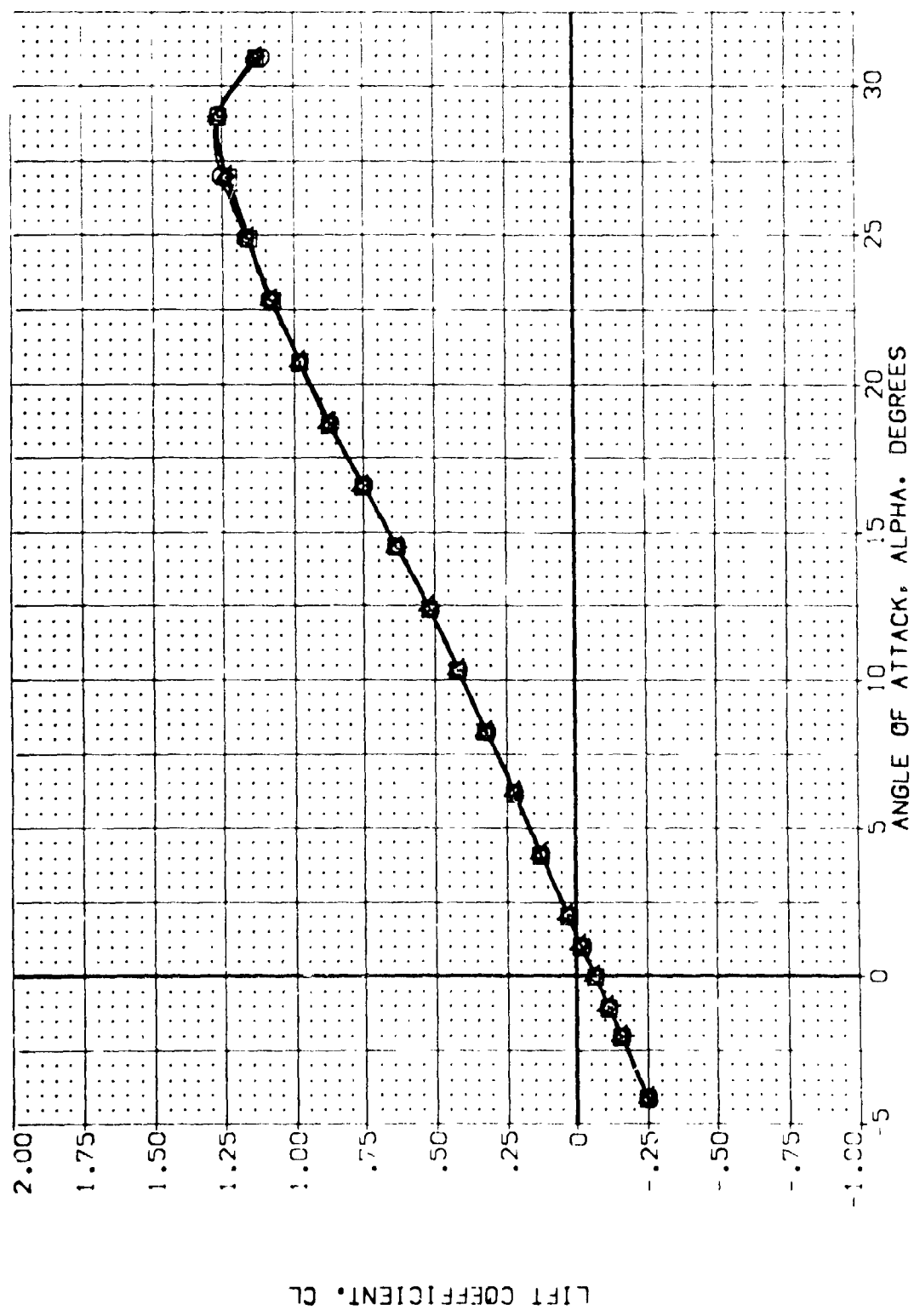


FIG 117 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LONG. STAB., 0 DEG FLARE
 (ADMAG) .20 PAGE 1231

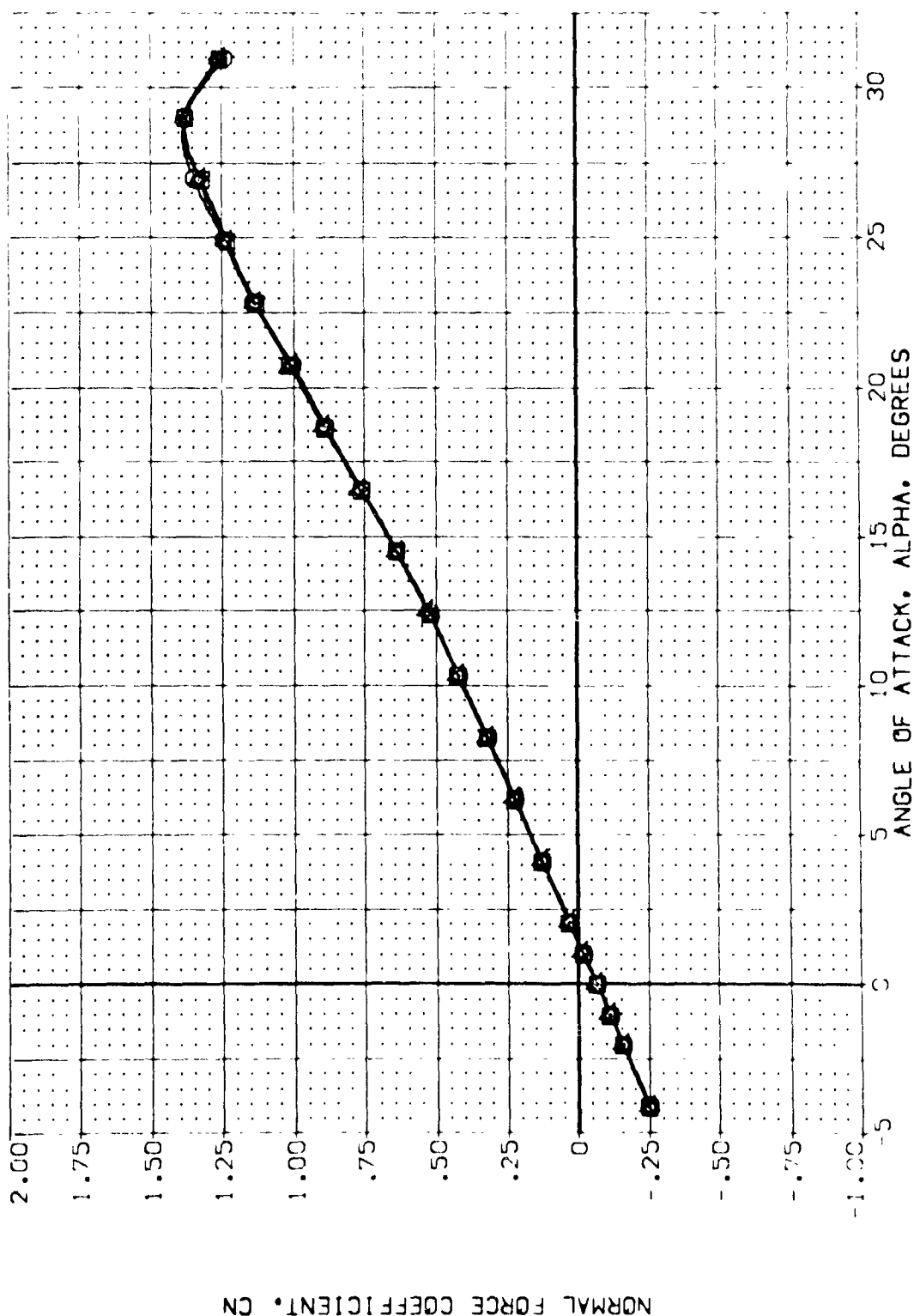
[illegible]

FIG 117 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LONG. STAB., 0 DEG FLARE

MAC. .20

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RA-RAD	RUDDER	ET-LAP	REFERENCE INFORMATION
(B02276)	Q	.000	.000	.000	-1.000	SREF 4.419 SC-1.5
(B02364)	X	.000	2.990	.000	-12.000	LREF 19.2399 NC-4.5
(B02381)	X	.000	4.940	.000	-12.000	BREF 37.9359 NC-4.5
(B02403)	X	.000	6.120	.000	-12.000	XREF 43.15874 NC-4.5
(B02409)	X	.000	6.120	.000	-12.000	YREF 15.1875 NC-4.5
						ZREF 15.1875 NC-4.5
						SCALE .04CS

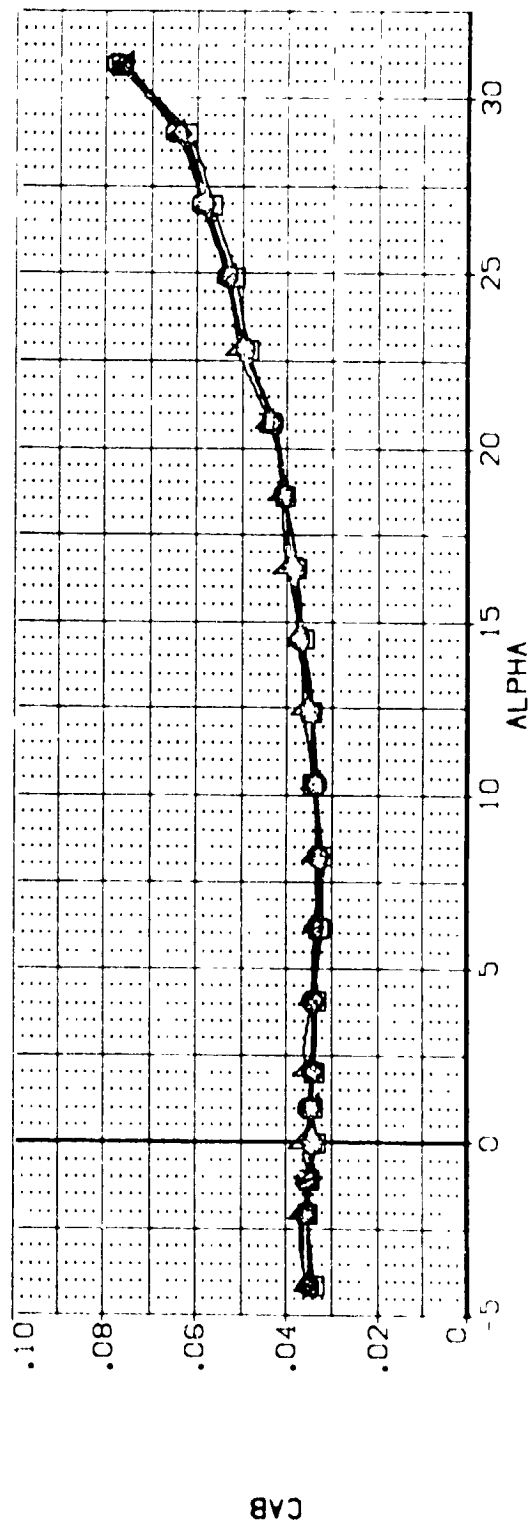
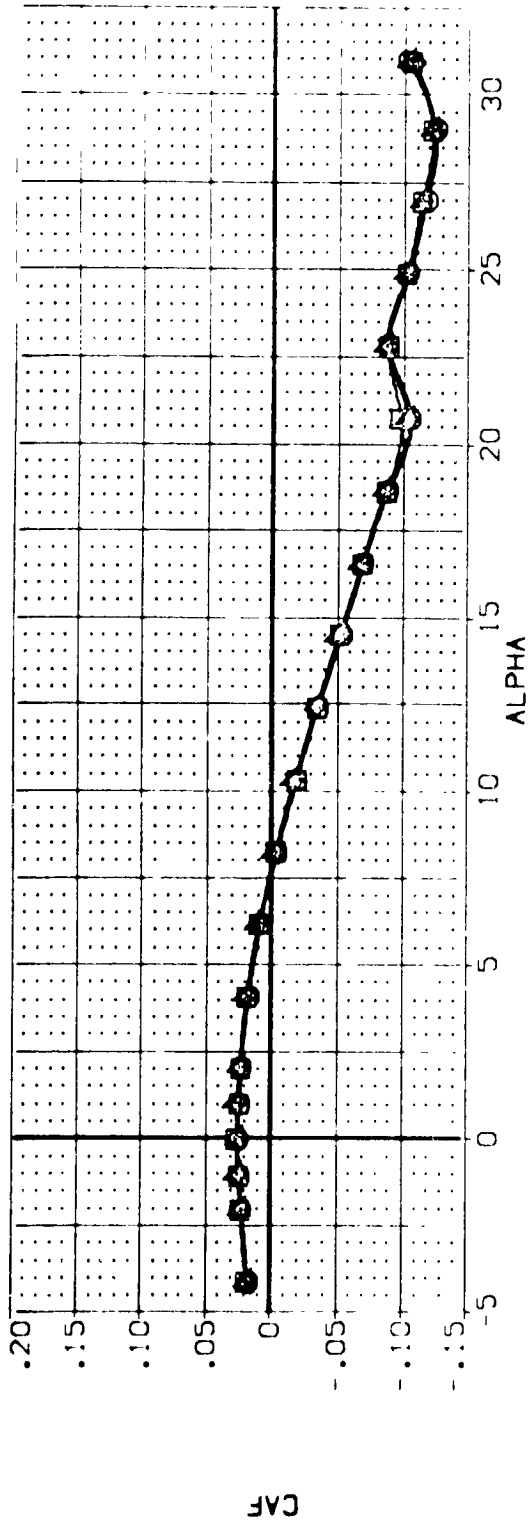


FIG 117 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LONG. STAB..0 DEG FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RH-RAD	RUDDER	BOX-LAP	REFERENCE INFORMATION
(B02228)	CA628 B76C9 M7E8 V116E28V1297X9	.000	.000	.000	-12.000	SREF 4.4119 SCAL
(B02384)	CA628 B76C9 M7E8 V116E28V1297X9	.000	2.090	.000	-12.000	LRF 19.2799 NC-F S
(B02381)	CA628 B76C9 M7E8 V116E28V1297X9	.000	4.940	.000	-12.000	BRF 37.9359 NC-F S
(B02403)	CA628 B76C9 M7E8 V116E28V1297X9	.000	6.120	.000	-12.000	XMRP 43.5974 NC-F S
(B02409)	CA628 B76C9 M7E8 V116E28V1297X9	.000	6.120	.000	-12.000	YMRP .0000 NC-F S
						ZMRP 15.1875 NC-F S
						SCALE .0405

FOREBODY DRAG COEFFICIENT, CDF

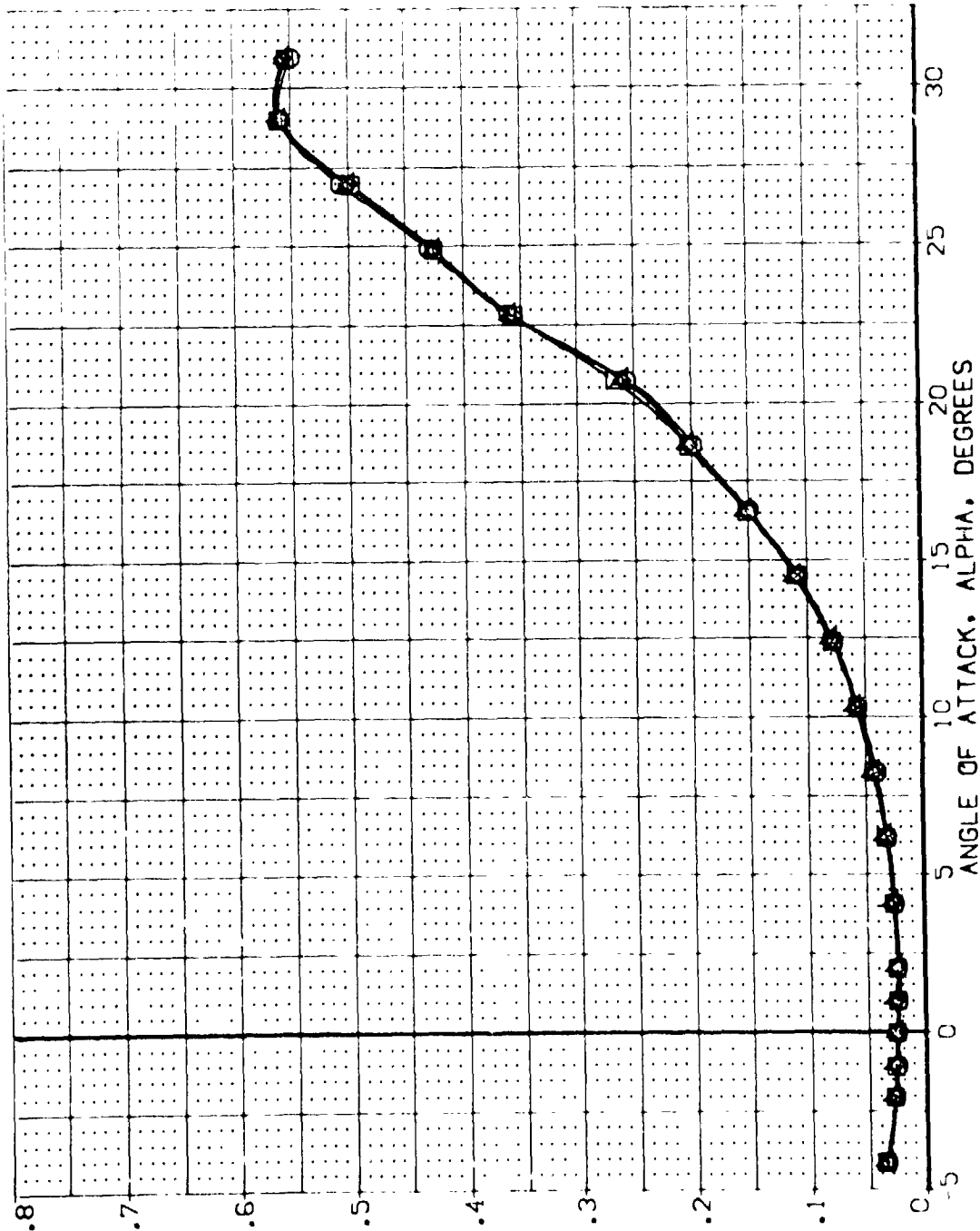


FIG 117 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LONG. STAB..0 DEG FLARE

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RL-RAD	RUDDER	BOFLAP	REFERENCE INFORMATION
(BDZ228)	Q	.000	.000	.000	-12.000	SREF 4.4119 SQ.F.T.
(BDZ384)	Q	.000	2.090	.000	-12.000	LREF 19.2299 INCHES
(BDZ391)	X	.000	4.940	.000	-12.000	BREF 37.9359 INCHES
(BDZ403)	X	.000	6.120	.000	-12.000	XMRP 43.5974 INCHES
(BDZ409)	X	.000	6.120	.000	-12.000	ZMRP 15.1875 INCHES
						SCALE .0405

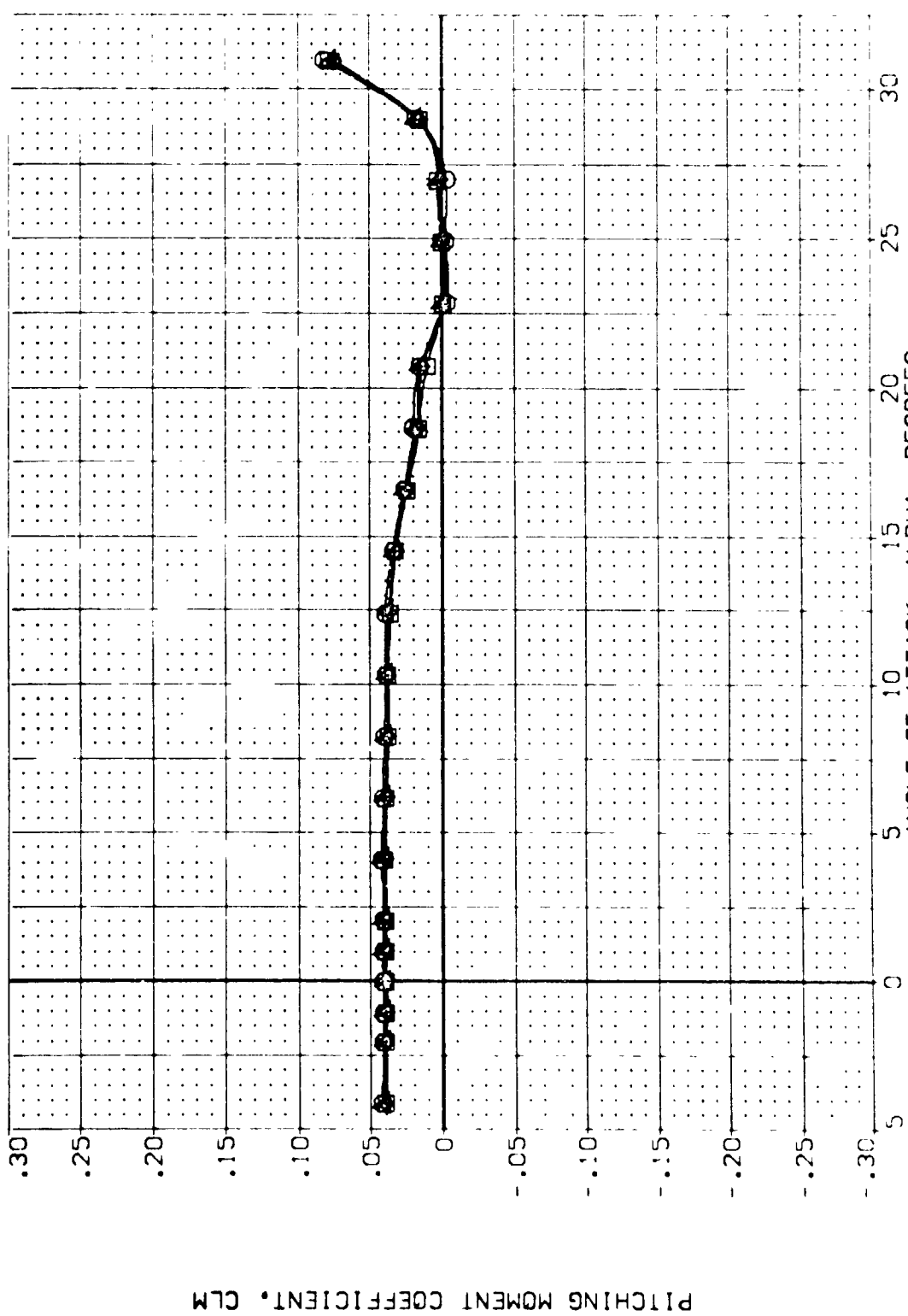


FIG 117 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LONG. STAB., 0 DEG FLARE

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(807278)	0	0A628	826C9	M7F8	V	15E28V1207X9
(807284)	0	0A629	826C9	M7F8	V	15E28V1207X9
(807291)	0	0A628	826C9	M7F8	V	15E28V1308X9
(807403)	0	0A628	826C9	M7F8	V	15E28V1409X9
(807409)	0	0A628	826C9	M7F8	V	15E28V15010X9

BETA RHLRAD RUDDER BOFLAP REFERENCE INFORMATION SCALE

.000	.000	.000	.000	SREF	4.4119	SCALE
.000	2.090	.000	-12.000	LRP	19.2799	SCALE
.000	4.910	.000	-12.000	BRP	37.9359	SCALE
.000	6.120	.000	-12.000	LRP	43.5974	SCALE
.000	6.120	.000	-12.000	BRP	15.0000	SCALE
.000	6.120	.000	-12.000	LRP	15.1875	SCALE
.000	6.120	.000	-12.000	BRP	15.1875	SCALE

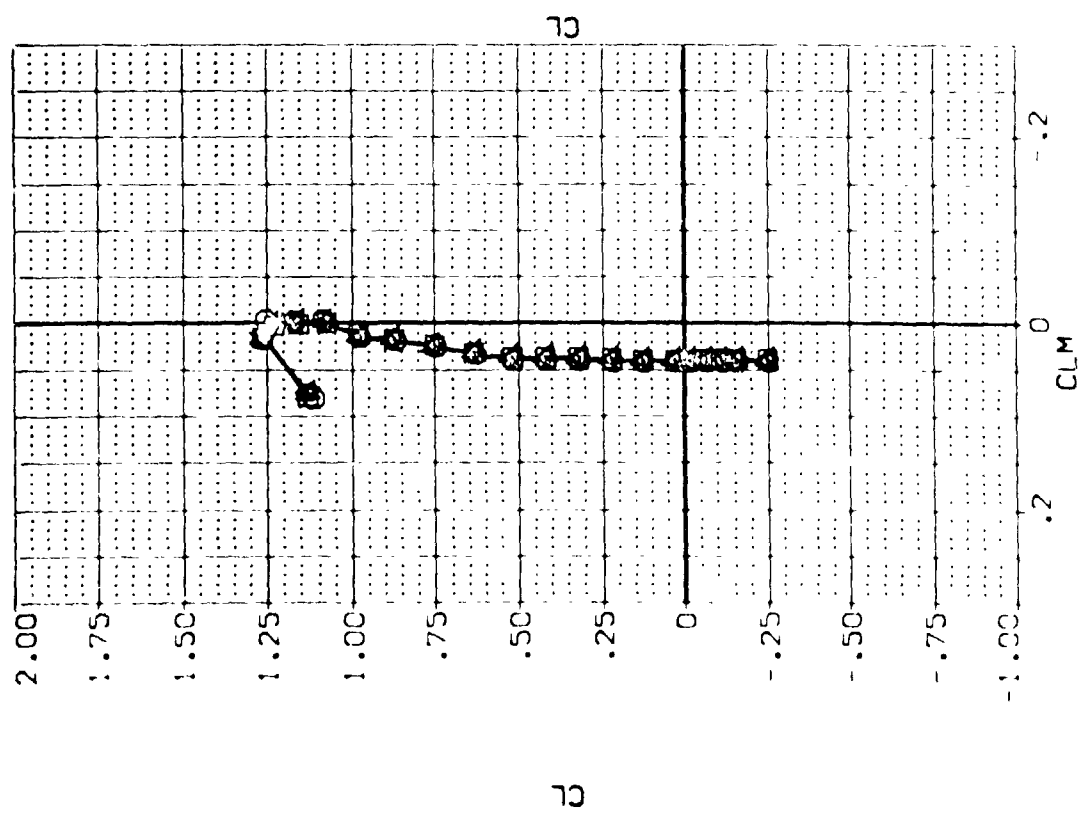


FIG 117 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LONG. STAB..0 DEG FLARE
 (A)MAC: .20 PAGE 1236

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	RH-RAD	RUDDER	BO-LAP	REFERENCE INFORMATION
[BC2228]	DA628 B26C9	.000	.000	.000	-12.000	SREF 4.4119 SC
[BC2284]	DA628 B26C9	.000	2.090	.000	-12.000	REF 19.2299 SC
[BC2285]	DA628 B26C9	.000	4.940	.000	-12.000	REF 37.9368 SC
[BC2453]	DA628 B26C9	.000	6.120	.000	-12.000	REF 43.5974 SC
[BC2459]	DA628 B26C9	.000	6.120	.000	-12.000	REF 43.5974 SC
						SCALE 15.1875 SC

LONGITUDINAL CENTER OF PRESSURE LOCATION, XCP/L, FRACTION BODY LENGTH

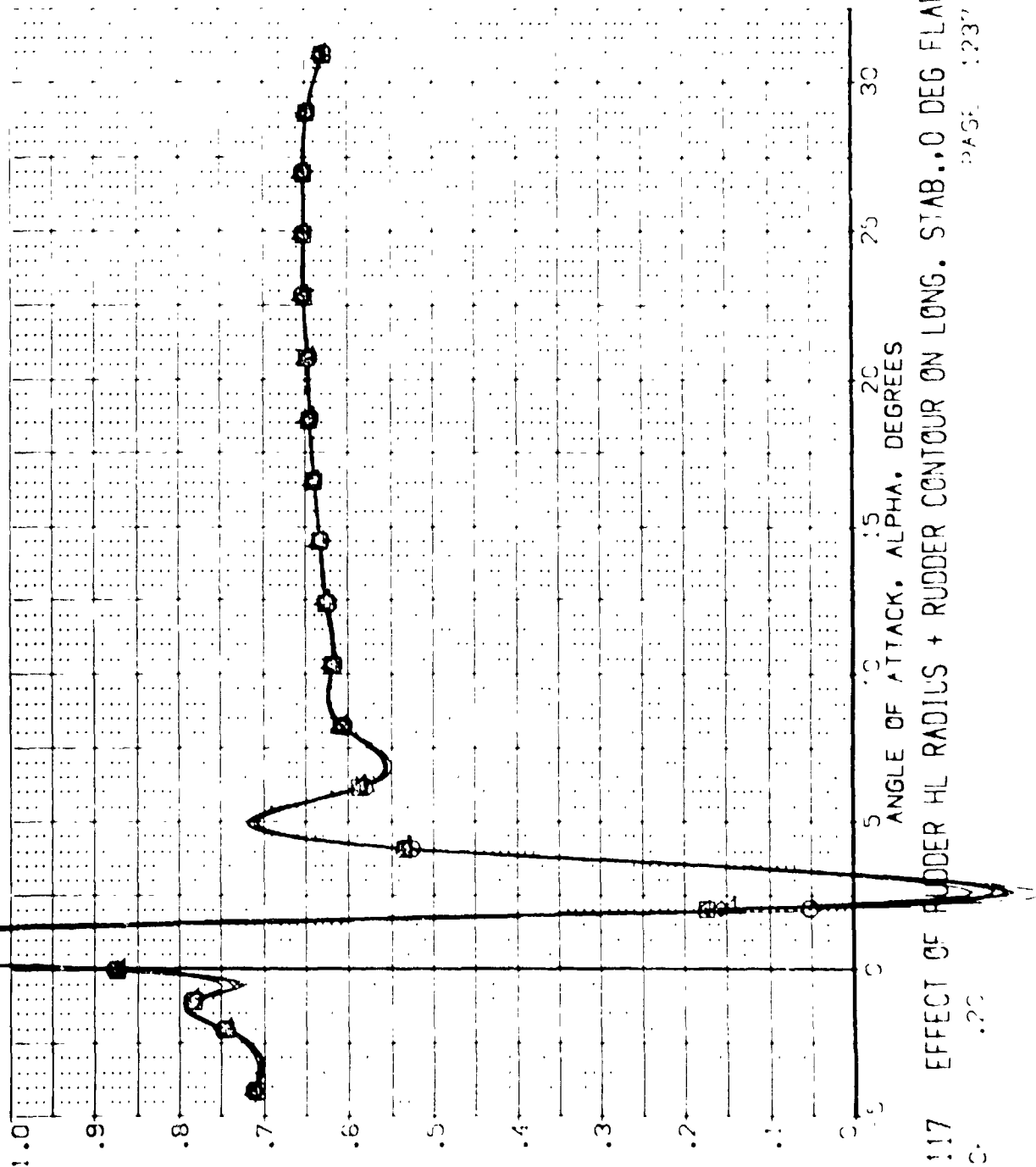


FIG 117 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LONG. STAB. 0 DEG FLARE

FOREBODY LIFT TO DRAG RATIO, LF/DF

FIG 117 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LONG. STAB., 0 DEG FLARE

$[A] \sim AC$.

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RH/RAD	RUDDER	BOG LAP	REFERENCE INFORMATION
[R02729]	Q 0A628 B76C9 M7F8 V116E28V1207X9	.000	.000	.000	-12.000	SPRF 4.4119 SCALE
[R02735]	Q 0A628 B76C9 M7F8 V116E28V1207X9	.000	2.05C	.000	-12.000	SPRF 19.2799 SCALE
[R02737]	Q 0A628 B76C9 M7F8 V116E28V1308X9	.000	4.94C	.000	-12.000	SPRF 37.9359 SCALE
[R02740]	Q 0A628 B76C9 M7F8 V116E28V1409X9	.000	6.12C	.000	-12.000	SPRF 43.5874 SCALE
[R02741C]	Q 0A628 B76C9 M7F8 V116E28V15010X9	.000	6.12C	.000	-12.000	SPRF 15.1875 SCALE

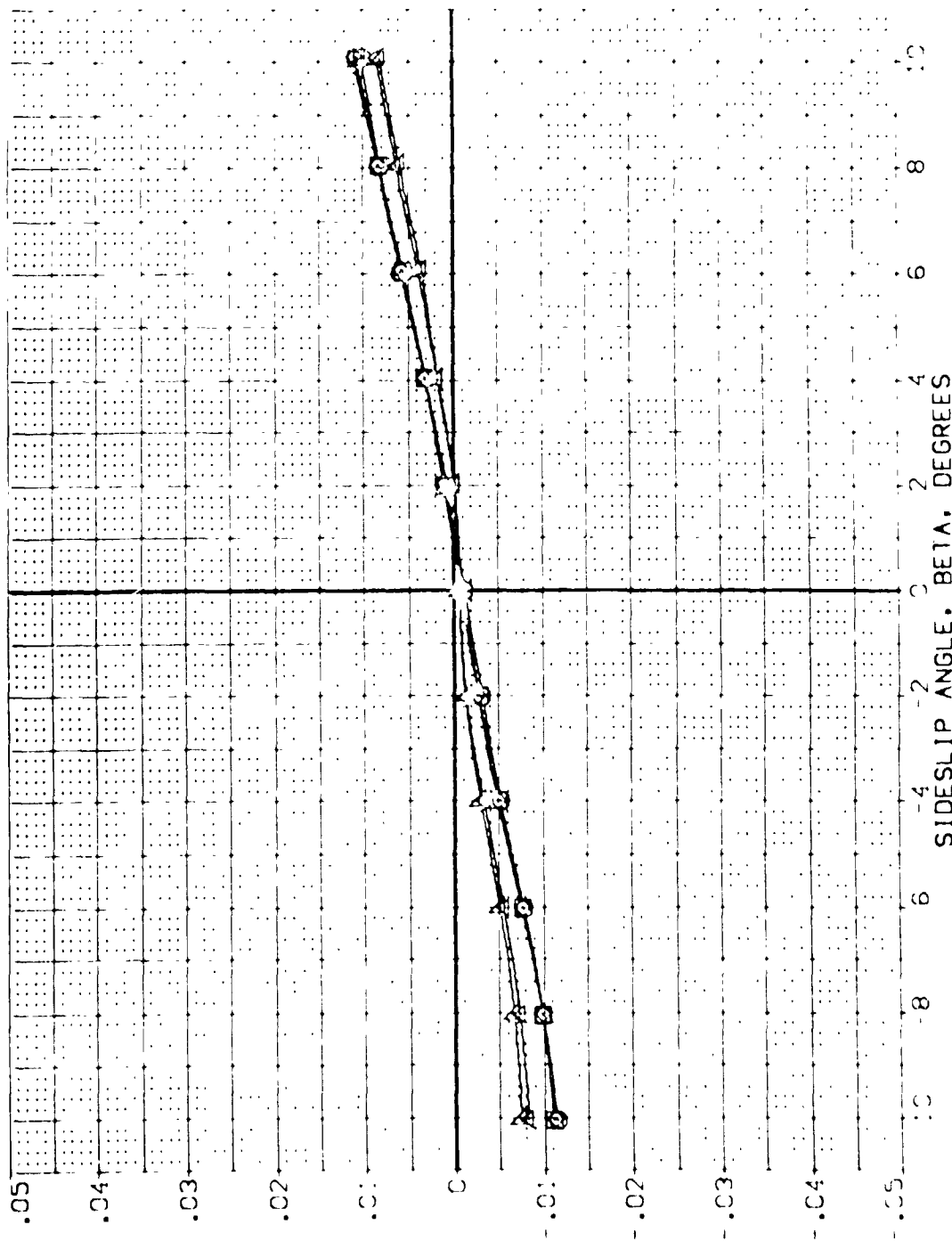


FIG 118 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 0

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RH/RAD	RUDDER	BOF LAP	REFERENCE INFORMATION	SCALE
RC7779	0A628 B76C9 W758 V16L28V1247X9	.000	.000	.000	-12.000	SRF 4.4119	SCF 1
RC7780	0A628 B76C9 W758 V16L28V1247X9	.000	2.050	.000	-12.000	SRF 19.12798	SCF 1
RC7781	0A628 B76C9 W758 V16L28V1247X9	.000	4.910	.000	-12.000	SRF 37.53358	SCF 1
RC7782	0A628 B76C9 W758 V16L28V1247X9	.000	6.120	.000	-12.000	SRF 43.59314	SCF 1
RC7783	0A628 B76C9 W758 V16L28V1247X9	.000	6.120	.000	-12.000	SRF 100.000	SCF 1
RC7784	0A628 B76C9 W758 V16L28V1247X9	.000	6.120	.000	-12.000	SRF 151.875	SCF 1
RC7785	0A628 B76C9 W758 V16L28V1247X9	.000	6.120	.000	-12.000	SRF 151.875	SCF 1

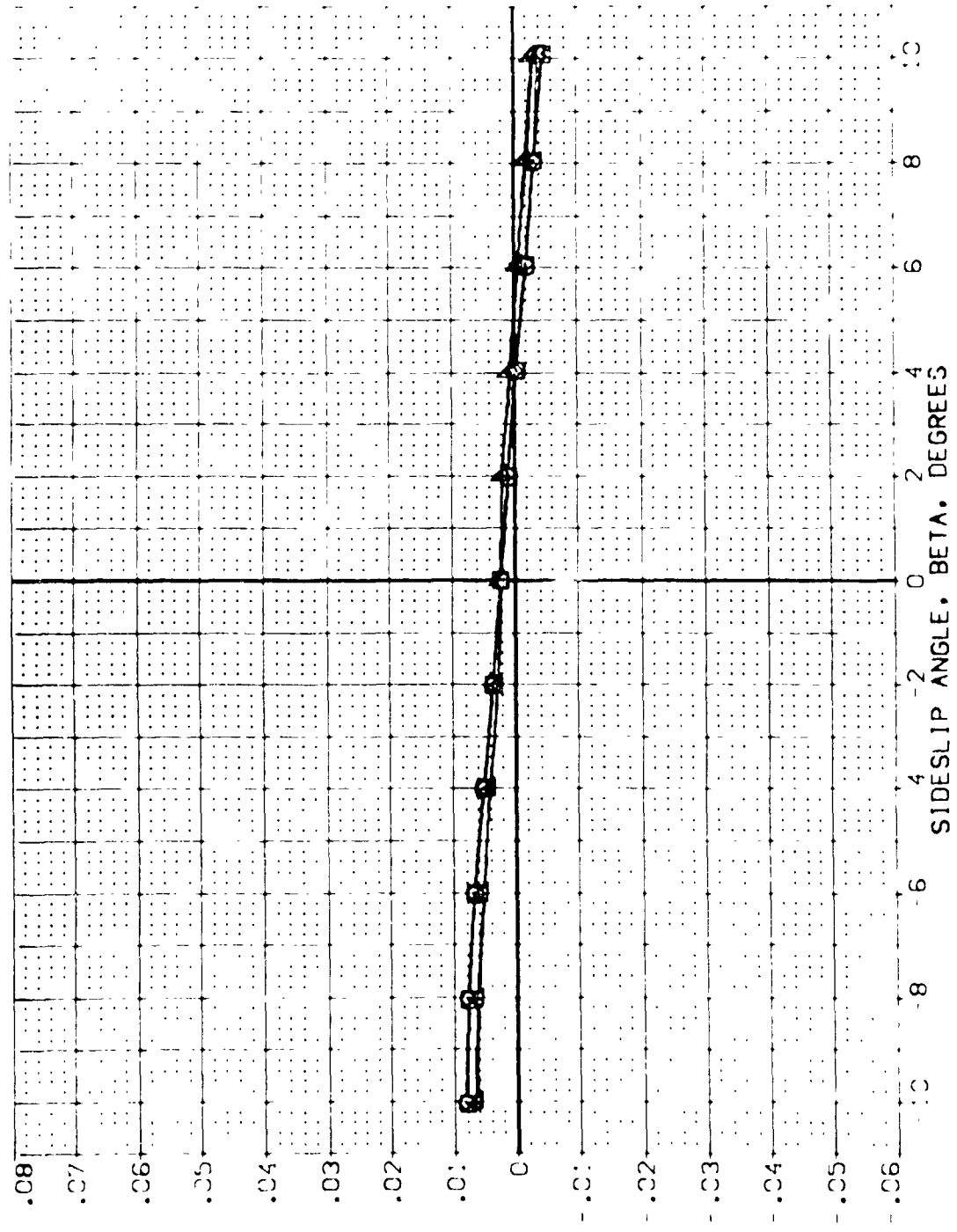


FIG 118 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 0
 CBL/AC .20
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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	R/RAD	RUDDER	BOX LAP	REFERENCE INFORMATION	SCALE
RC7779	0A628 876C9 W7:8 V1 6E28/895X9	.000	.000	.000	-2.000	500 F	4.419
RC7785	0A628 876C9 W7:8 V1 6E28/767X9	.000	2.090	.000	-2.000	500 F	19.299
RC7792	0A628 876C9 W7:8 V1 6E28/398X9	.000	4.940	.000	-2.000	500 F	37.939
RC7824	0A628 876C9 W7:8 V1 6E28/499X9	.000	6.120	.000	-2.000	500 F	43.394
RC7815	0A628 876C9 W7:8 V1 6E28/5910X9	.000	6.120	.000	-2.000	500 F	50.000
						2400	875
						SCALE	1000

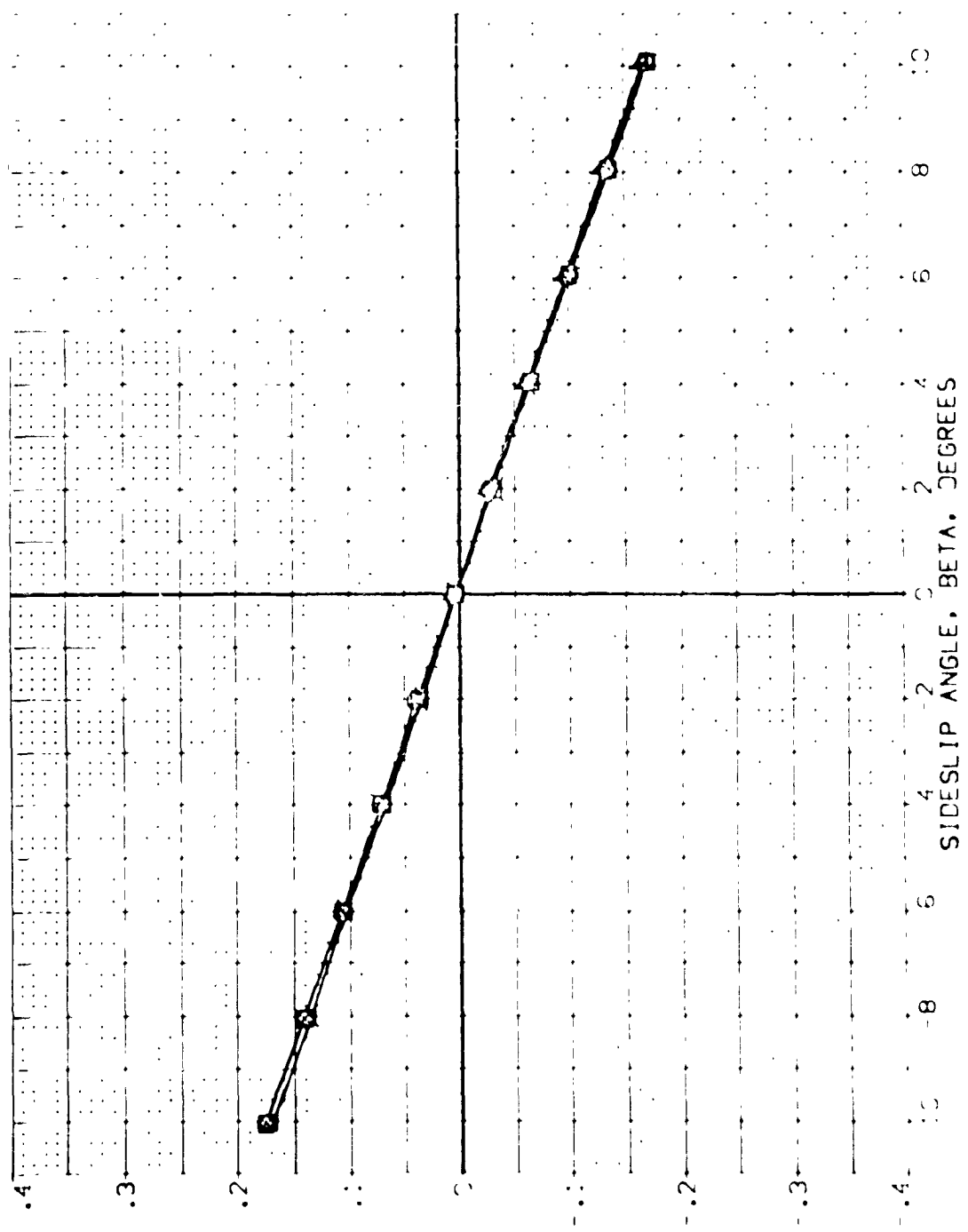


FIG 118 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 0

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION	ALPHA	RL RAD	RUDDER	BDY AP	REFERENCE	DESCRIPTION	SCALE
1	01628	87609	W7.8	16.28189049	0.000	2.000	SMF	4.4119	SCALE
2	01628	87609	W7.8	16.28189049	0.000	2.000	SMF	19.2799	SCALE
3	01628	87609	W7.8	16.28189049	0.000	2.000	SMF	37.9379	SCALE
4	01628	87609	W7.8	16.28189049	0.000	2.000	SMF	43.9379	SCALE
5	01628	87609	W7.8	16.28189049	0.000	2.000	SMF	15.2500	SCALE
6	01628	87609	W7.8	16.28189049	0.000	2.000	SMF	15.2500	SCALE

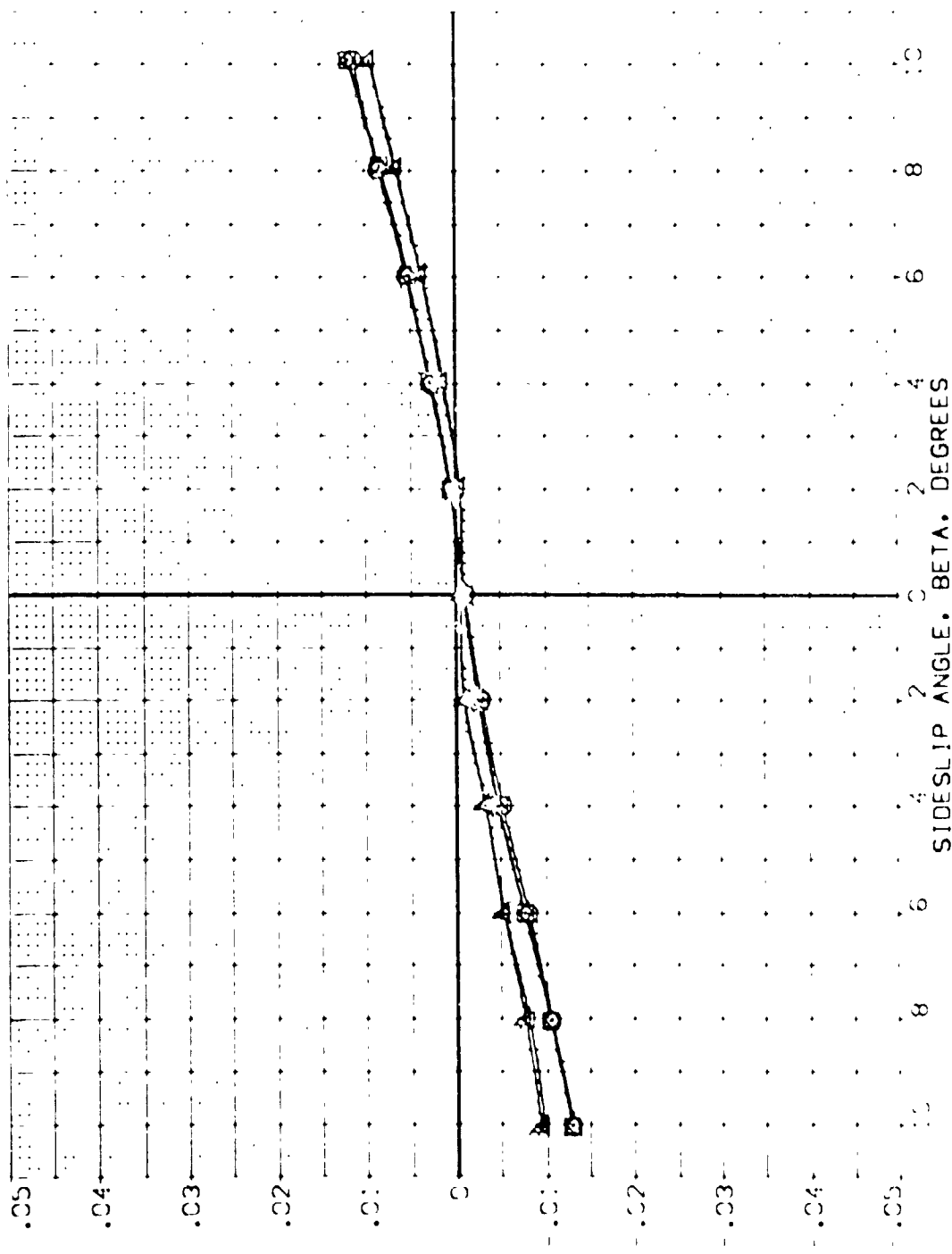


FIG 119 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 5

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	PHI/RAD	RUDDER	BD/LAP	REFERENCE INFORMATION
(R07230)	046C8 B76C9 M718 V116C28V18P5A9	5.000	.000	.000	-12.000	SPR 4.4119 SC. ST.
(R07386)	046C8 B76C9 M718 V116C28V18P7A9	5.000	2.090	.000	-12.000	LARK 19.2299 NC+5
(R07393)	046C9 B76C9 M718 V116C28V18P8A9	5.000	4.940	.000	-12.000	BPK 37.9359 NC+5
(R07405)	046C9 B76C9 M718 V116C28V18P9A9	5.000	6.120	.000	-12.000	M400 43.5804 NC+5
(R07411)	046C9 B76C9 M718 V116C28V18P10A9	5.000	6.120	.000	-12.000	M400 43.5804 NC+5
						M400 15.1803 NC+5
						SCALE 1.0000

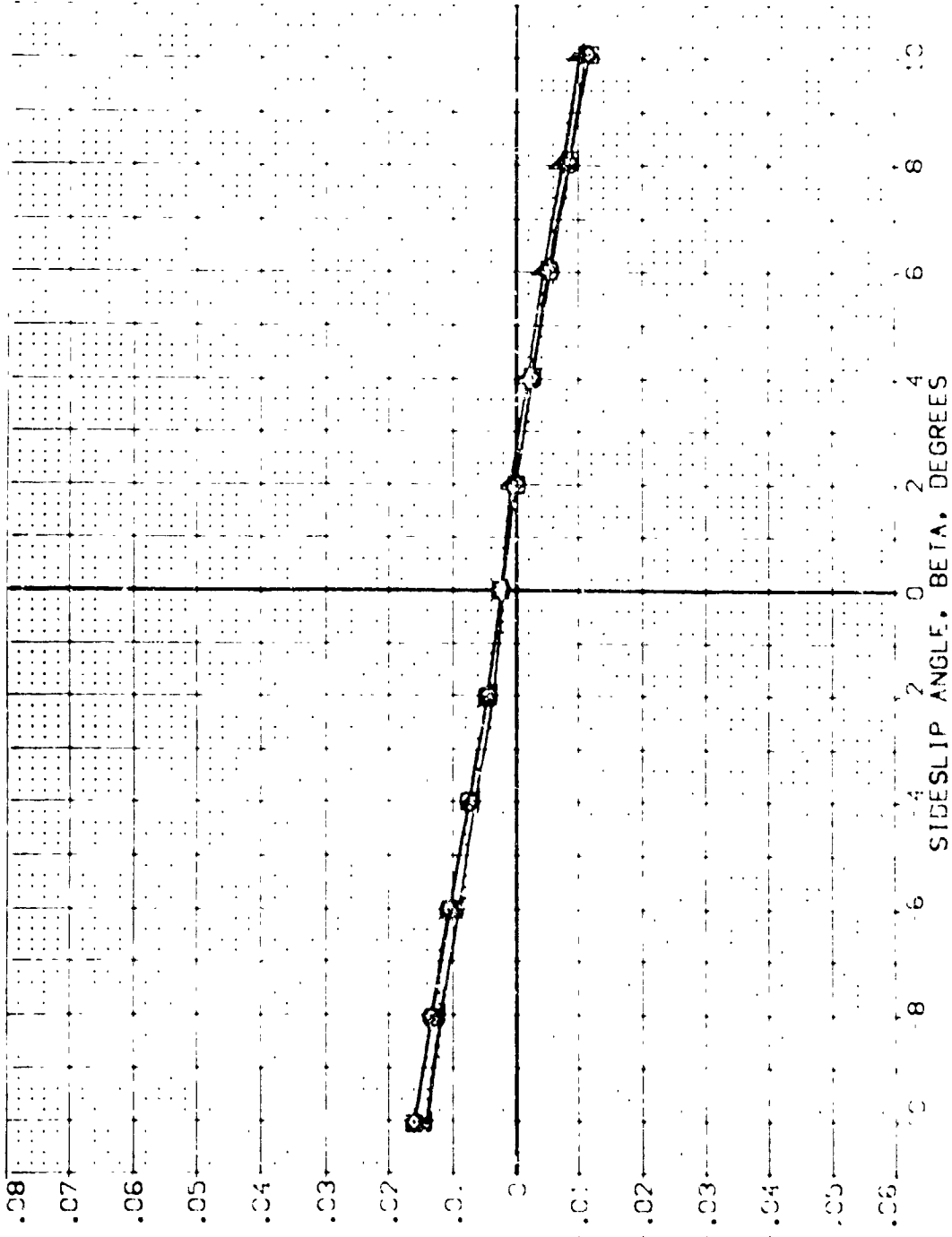


FIG 119 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 5
 (R07386) .20
 (R07393) .243

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RH-RAD	RUDDER	LX-LAP	REFERENCE INFORMATION
[02230]	0A629 876C9 M7E8 V116 28V8R5X9	5.000	.000	.000	1.000	SREF 4.4119 SQ.FT.
[02386]	0A629 876C9 M7E8 V116 28V1207X9	5.000	2.090	.000	1.000	LRFE 19.2798 SQ.FT.
[02383]	0A629 876C9 M7E8 V116 28V1398X9	5.000	4.940	.000	12.000	BRFE 37.9309 SQ.FT.
[02405]	0A629 876C9 M7E8 V116 28V1499X9	5.000	6.120	.000	12.000	XPRP 43.1591 SQ.FT.
[02411]	0A629 876C9 M7E8 V116 28V15R10X9	5.000	6.120	.000	12.000	YPRP 22.000 SQ.FT.
						ZPRP 15.1875 SQ.FT.
						SCAE 34.000 SQ.FT.

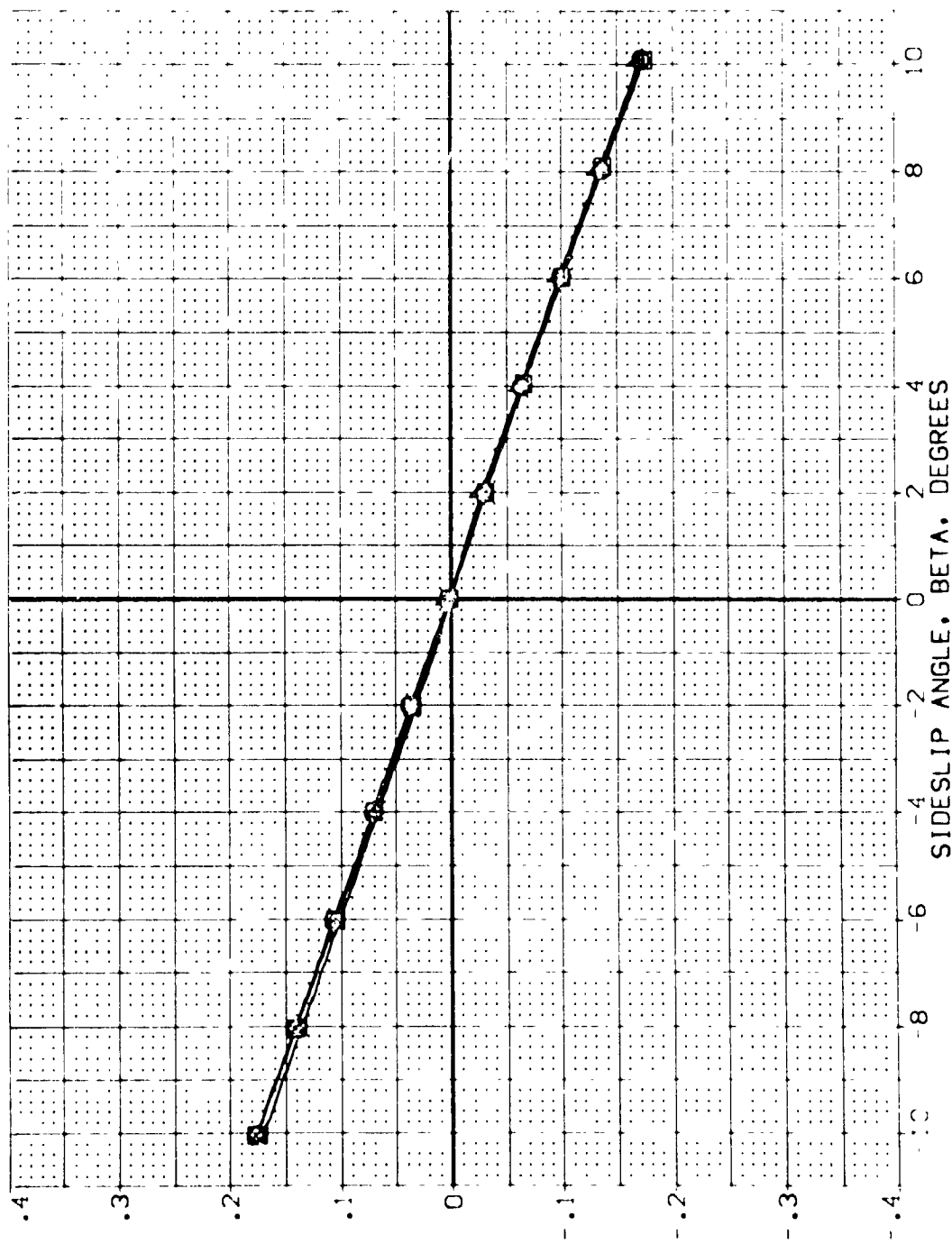


FIG 119 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 5

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RH-RAD	RUDDER	BO-LAP	REFERENCE INFORMATION
PCZ731	DA628 B26C9 W7F8 V11628V85X9	10.000	2.000	.000	-2.000	SPR 1 4.119 SC-F 1
PCZ737	DA628 B26C9 W7F8 V11628V1207X9	10.000	2.000	.000	-2.000	SPR 1 19.2705 SC-F 1
PCZ734	DA628 B26C9 W7F8 V11628V1308X9	10.000	4.842	.000	-2.000	SPR 1 31.9319 SC-F 1
PCZ745	DA628 B26C9 W7F8 V11628V1459X9	10.000	6.170	.000	-2.000	SPR 1 43.5514 SC-F 1
PCZ742	DA628 B26C9 W7F8 V11628V1510X9	10.000	6.170	.000	-2.000	SPR 1 15.1875 SC-F 1
						SCALE .0405

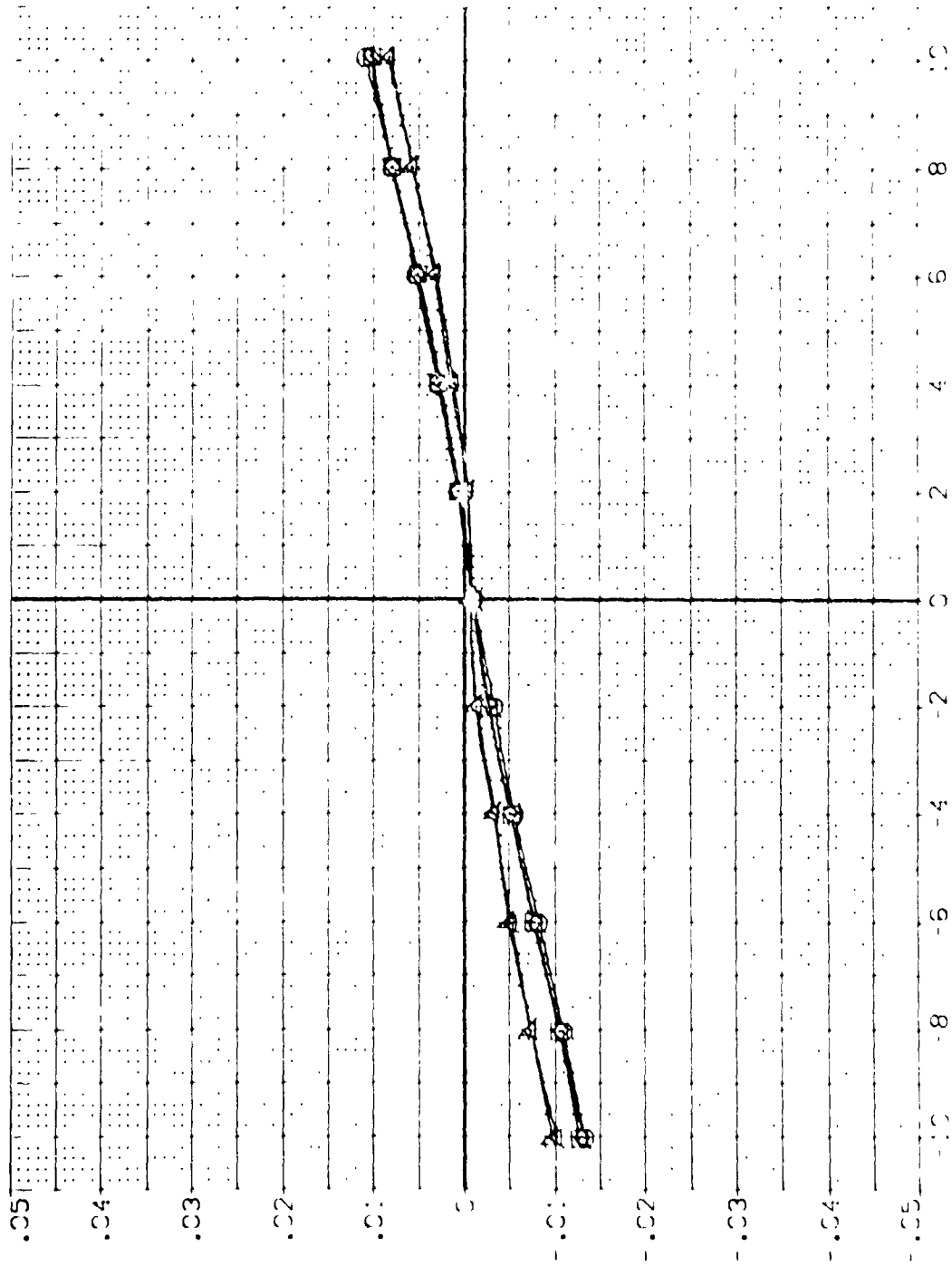


FIG 120 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 10

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RH/RAD	RUDDER	BOX LAP	REFERENCE INFORMATION
[R02731]	Q	10.000	.000	.000	12.000	SREF 4.4119 SCFT
[R02387]	Q	10.000	2.090	.000	12.000	LRF 19.2289 INCHES
[R02394]	X	10.000	4.940	.000	12.000	BR 37.9359 INCHES
[R02406]	X	10.000	6.120	.000	12.000	XMRP 43.5974 INCHES
[R02412]	X	10.000	6.120	.000	12.000	YMRP .0000 INCHES
						SCALE 15.1875 INCHES

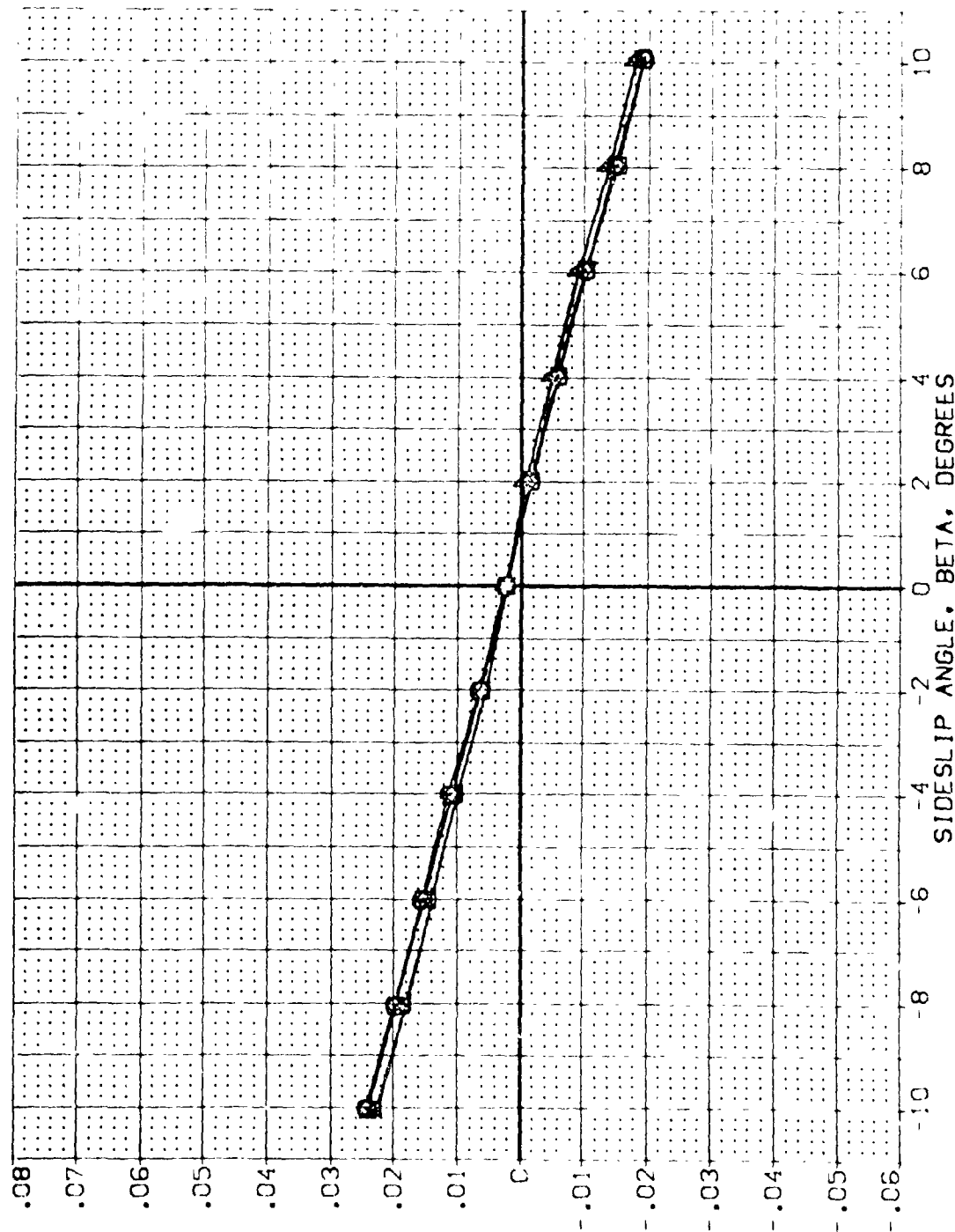


FIG 120 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 10
(A)MAC. .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RH-RAD	RUDDER	BOF-LAP	REFERENCE INFORMATION	SCALE
(R07231)	0A628 B26C9 M7F8 V116E28V1277X9	10.000	.000	.000	-12.000	SREF 4.419	50.FT.
(R07387)	0A628 B26C9 M7F8 V116E28V1277X9	10.000	2.090	.000	-12.000	LRFF 19.2789	INCHES
(R07394)	0A628 B26C9 M7F8 V116E28V1308X9	10.000	4.940	.000	-12.000	BRFF 37.9359	INCHES
(R07406)	0A628 B26C9 M7F8 V116E28V1499X9	10.000	6.120	.000	-12.000	XMRP 43.5874	INCHES
(R07412)	0A628 B26C9 M7F8 V116E28V1510X9	10.000	6.120	.000	-12.000	YMRP 15.1875	INCHES
						SCALE .0405	SCALE

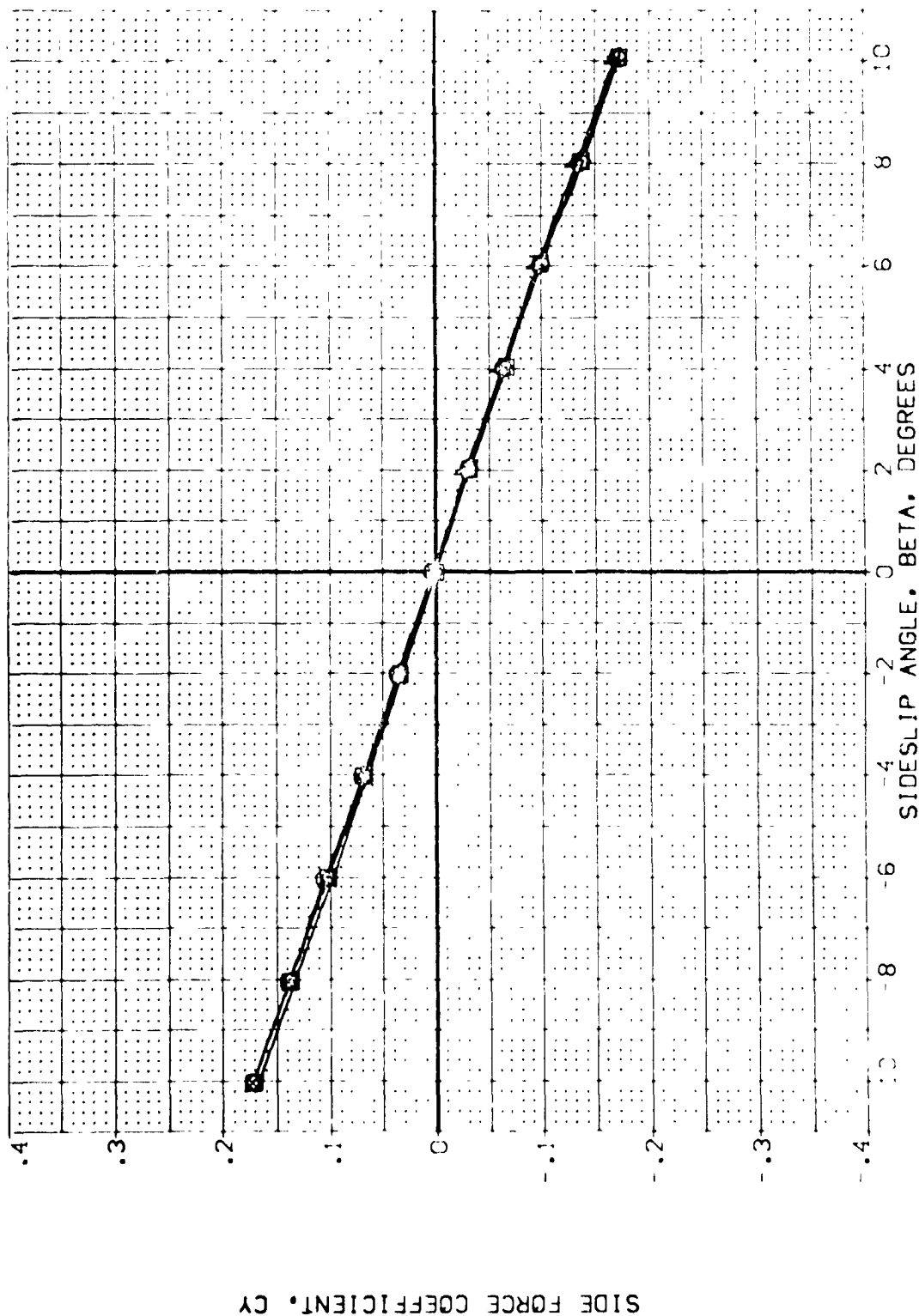


FIG 120 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 10
 CASMAC .20
 PAGE 1247

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RH/RAD	RUDDER	BOX LAP	REFERENCE INFORMATION
[R0732]	Q	15.000	.000	.000	-12.000	SREF 4.419 SQ.FT.
[R0733]	Q	15.000	2.090	.000	-12.000	LRFF 19.2998
[R0734]	Q	15.000	4.940	.000	-12.000	BRFF 37.9359
[R0735]	Q	15.000	6.120	.000	-12.000	YREF 43.5911
[R0736]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0737]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0738]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0739]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0740]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0741]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0742]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0743]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0744]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0745]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0746]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0747]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0748]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0749]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0750]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0751]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0752]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0753]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0754]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0755]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0756]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0757]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0758]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0759]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0760]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0761]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0762]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0763]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0764]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0765]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0766]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0767]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0768]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0769]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0770]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0771]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0772]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0773]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0774]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0775]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0776]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0777]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0778]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0779]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0780]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0781]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0782]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0783]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0784]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0785]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0786]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0787]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0788]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0789]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0790]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0791]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0792]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0793]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0794]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0795]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0796]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0797]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0798]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0799]	Q	15.000	6.120	.000	-12.000	YREF 15.0000
[R0800]	Q	15.000	6.120	.000	-12.000	YREF 15.0000

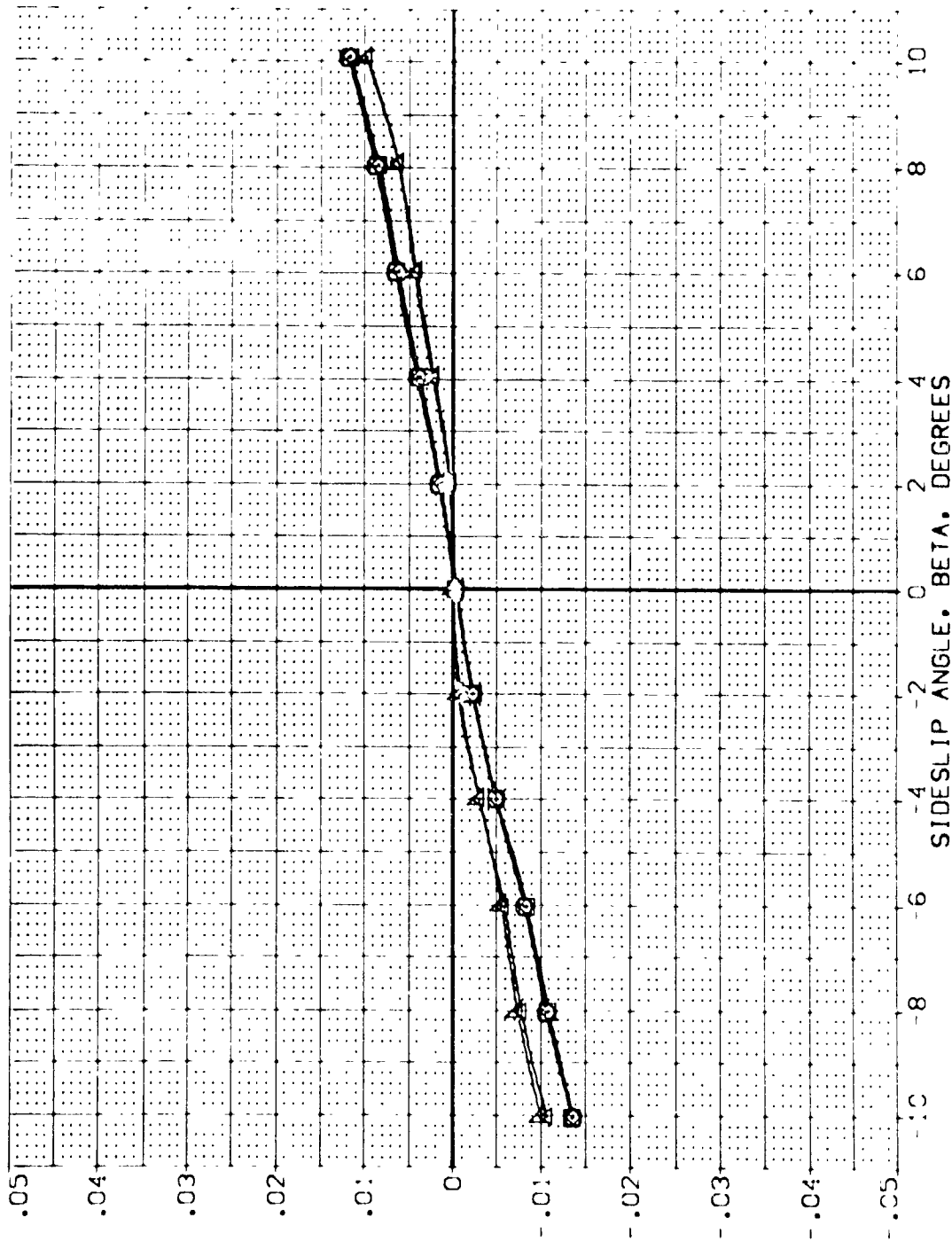


FIG 121 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 15
 (A)MAC- .20
 PAGE 1248

DATA SET SYMBOL	CONF	IGURATION	DESCRIPTION	ALPHA	RH-RAD	RUDDER	BOF LAP	REFERENCE INFORMATION
(R02732)	QAG28	B26C9	M7F8	15.000	.000	.000	-12.000	SREF 4.4119 SC.F.F.
(R02738)	QAG28	B26C9	M7F8	15.000	2.09C	.000	-12.000	LREF 19.2299 NC.H.S
(R02739)	QAG28	B26C9	M7F8	15.000	4.940	.000	-12.000	BREF 37.9359 NC.H.S
(R02740)	QAG28	B26C9	M7F8	15.000	6.120	.000	-12.000	XREF 43.5874 NC.H.S
(R02741)	QAG28	B26C9	M7F8	15.000	6.120	.000	-12.000	YREF 15.0000 NC.H.S
(R02742)	QAG28	B26C9	M7F8	15.000	6.120	.000	-12.000	ZREF 15.0000 NC.H.S
(R02743)	QAG28	B26C9	M7F8	15.000	6.120	.000	-12.000	SCALE .0405 NC.H.S

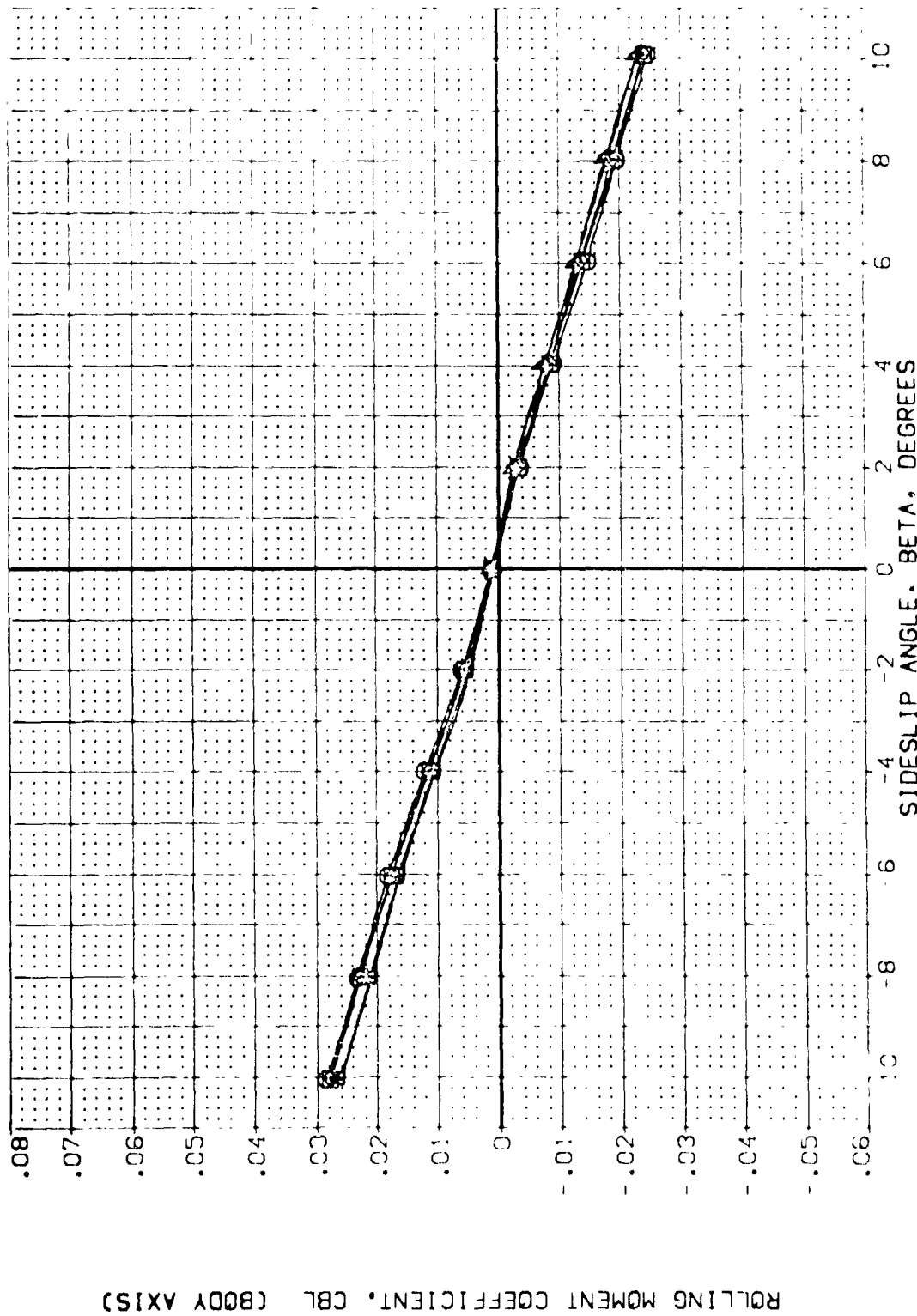


FIG 121 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 15

DATA SET SYMBOL CONFIGURATION DESCRIPTION

[R02232]	Q	04628	B26C9	M7F8	V116E28V1895X9
[R02388]	Q	04628	B26C9	M7F8	V116E28V1297X9
[R02395]	Q	04628	B26C9	M7F8	V116E28V1368X9
[R02407]	Q	04628	B26C9	M7F8	V116E28V1499X9
[R02413]	Q	04628	B26C9	M7F8	V116E28V15R10X9

ALPHA R-LLRAD RUDDER BOFLAP SCALE REFERENCE INFORMATION

15.000	.000	.000	-12.000	SCALE	4.4119	SCALE
15.000	.000	.000	-12.000	SCALE	9.2298	SCALE
15.000	2.050	.000	-12.000	SCALE	37.9359	SCALE
15.000	4.540	.000	-12.000	SCALE	43.5974	SCALE
15.000	6.120	.000	-12.000	SCALE	.0000	SCALE
15.000	6.120	.000	-12.000	SCALE	15.1875	SCALE
				SCALE	.0405	SCALE

SIDE FORCE COEFFICIENT, CY

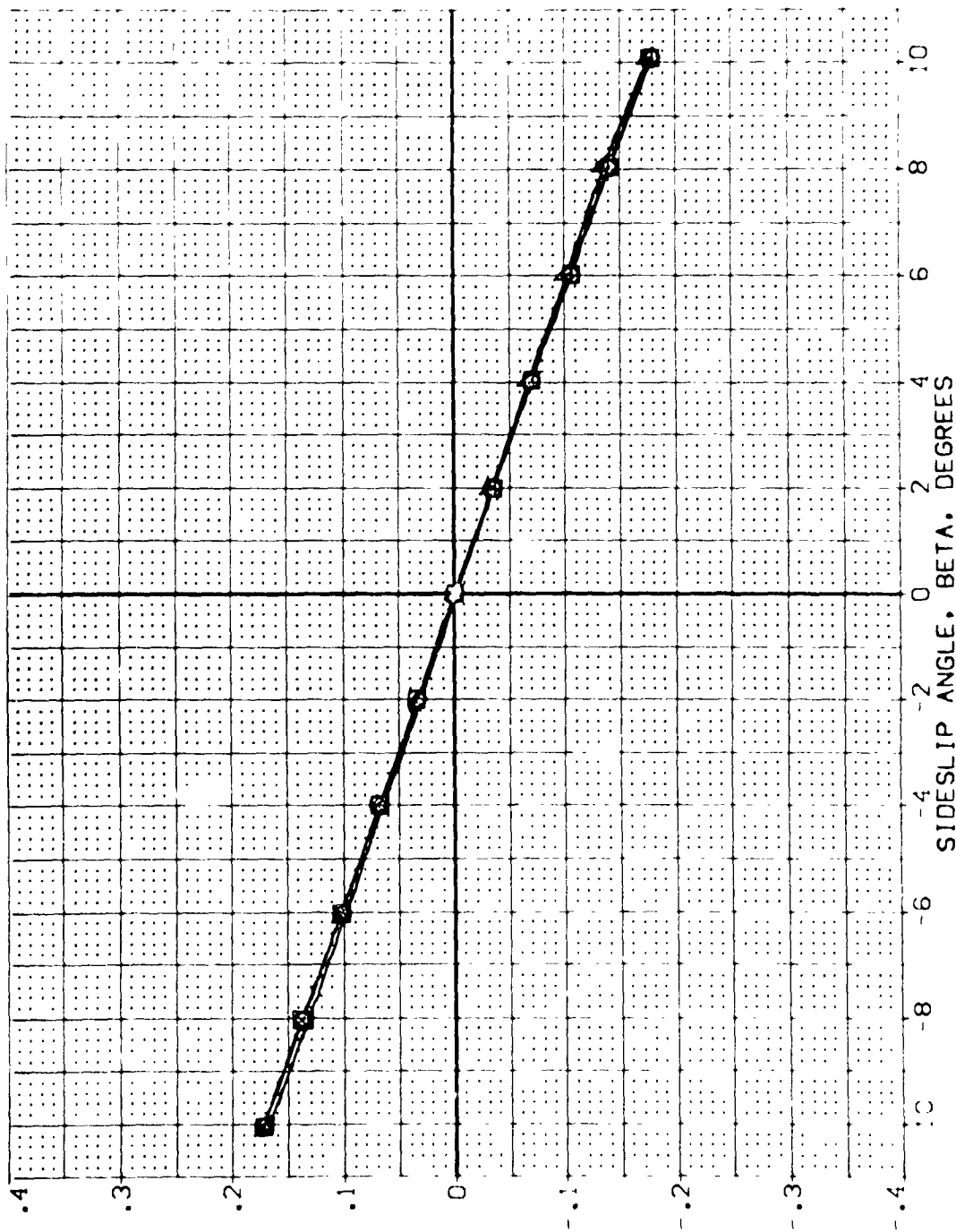


FIG 121 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 15
 (A)WAC- .20 PAGE 1250

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RH-RAD	RUDDER	BDF-LAP	REFERENCE INFORMATION
[R02233]	DA628 B26C9 M7F8 V116E28V12K7X9	20.000	.000	.000	-12.000	SREF 4.4119 SC.F.T.
[R02369]	DA628 B26C9 M7F8 V116E28V12K7X9	20.000	2.090	.000	-12.000	LR.F 19.2359 NC.F.S
[R02356]	DA628 B26C9 M7F8 V116E28V12K7X9	20.000	4.940	.000	-12.000	BR.F 37.9359 NC.F.S
[R02408]	DA628 B26C9 M7F8 V116E28V14K9X9	20.000	6.120	.000	-12.000	XR.F 43.5974 NC.F.S
[R02414]	DA628 B26C9 M7F8 V116E28V15K10X9	20.000	6.120	.000	-12.000	YMRP .0000 NC.F.S
						ZMRP 15.1875 NC.F.S
						SCALE .0405 NC.F.S

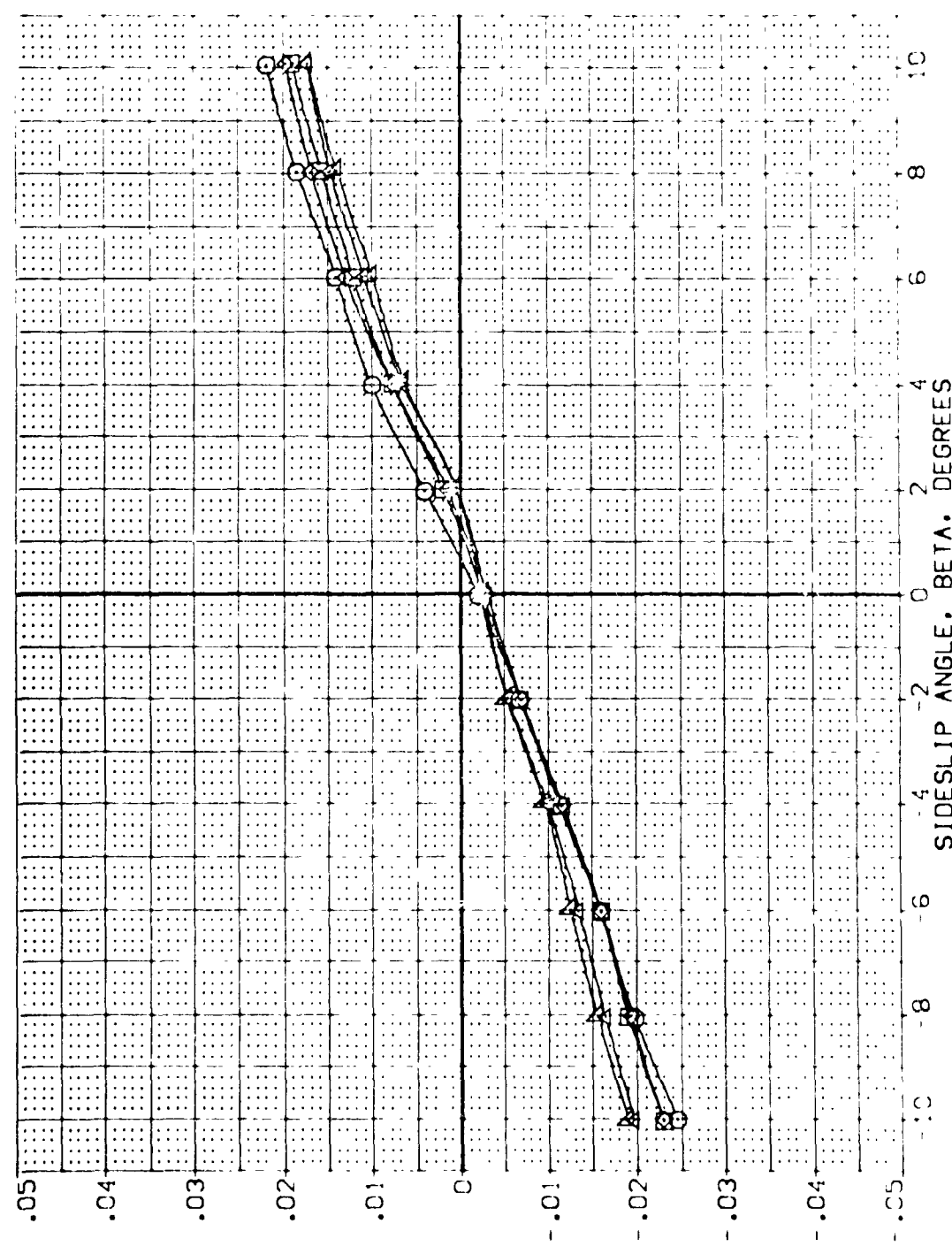


FIG 122 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 20
 (A)MAC .20 PAGE 1251

ROLLING MOMENT COEFFICIENT, CBL (BODY AXIS)



DATA SET SYMBOL	CONFIG.	ATION DESCRIPTION	ALPHA	RH-RAD	RUDDER	BOFLAP	REFERENCE INFORMATION
(R07233)	0A628	B26C9	M7F8	V116F28V1895X9	.000	-12.000	SREF 4.4119 SQ.FT.
(R07309)	0A628	B26C9	M7F8	V116F28V1200X9	.000	-12.000	LRFF 19.2259 CHES
(R07396)	0A628	B26C9	M7F8	V116F28V1300X9	.000	-12.000	BRFF 37.9359 CHES
(R07408)	0A628	B26C9	M7F8	V116F28V1400X9	.000	-12.000	YMRP 43.5974 CHES
(R07414)	0A628	B26C9	M7F8	V116F28V1500X9	.000	-12.000	ZMRP 15.1875 CHES
							SCALE .0405

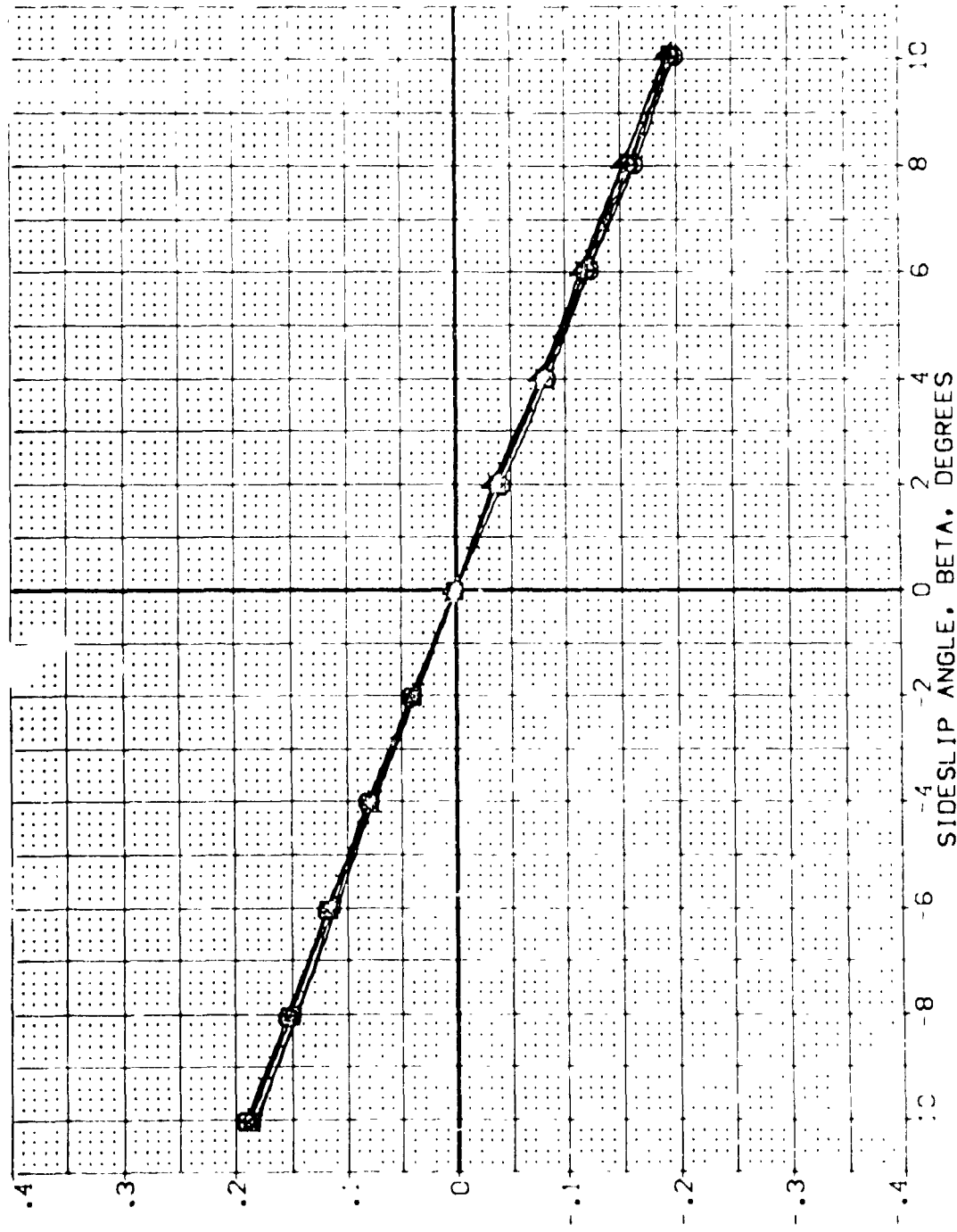


FIG 122 EFFECT OF RUDDER HL RADIUS + RUDDER CONTOUR ON LAT-DIR ST., ALPHA = 20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOX LAP	RUDDER	REFERENCE INFORMATION
(BD2728)	CA628 B76C9 M7-8 V GE28V8P5X9	.000	.000	-12.000	.000	SREF 4.4119 SCALE
(BD2729)	CA628 B76C9 M7-8 V GE28V16P5X9	.000	.000	-12.000	.000	REF 19.2799 SCALE
(BD2730)	CA628 B76C9 M7-8 V GE28V16P5X9	.000	.000	-12.000	.000	REF 37.9329 SCALE
(BD2731)	CA628 B76C9 M7-8 V GE28V16P5X9	.000	.000	-12.000	.000	REF 43.5974 SCALE
(BD2732)	CA628 B76C9 M7-8 V GE28V16P5X9	.000	.000	-12.000	.000	REF 15.1875 SCALE

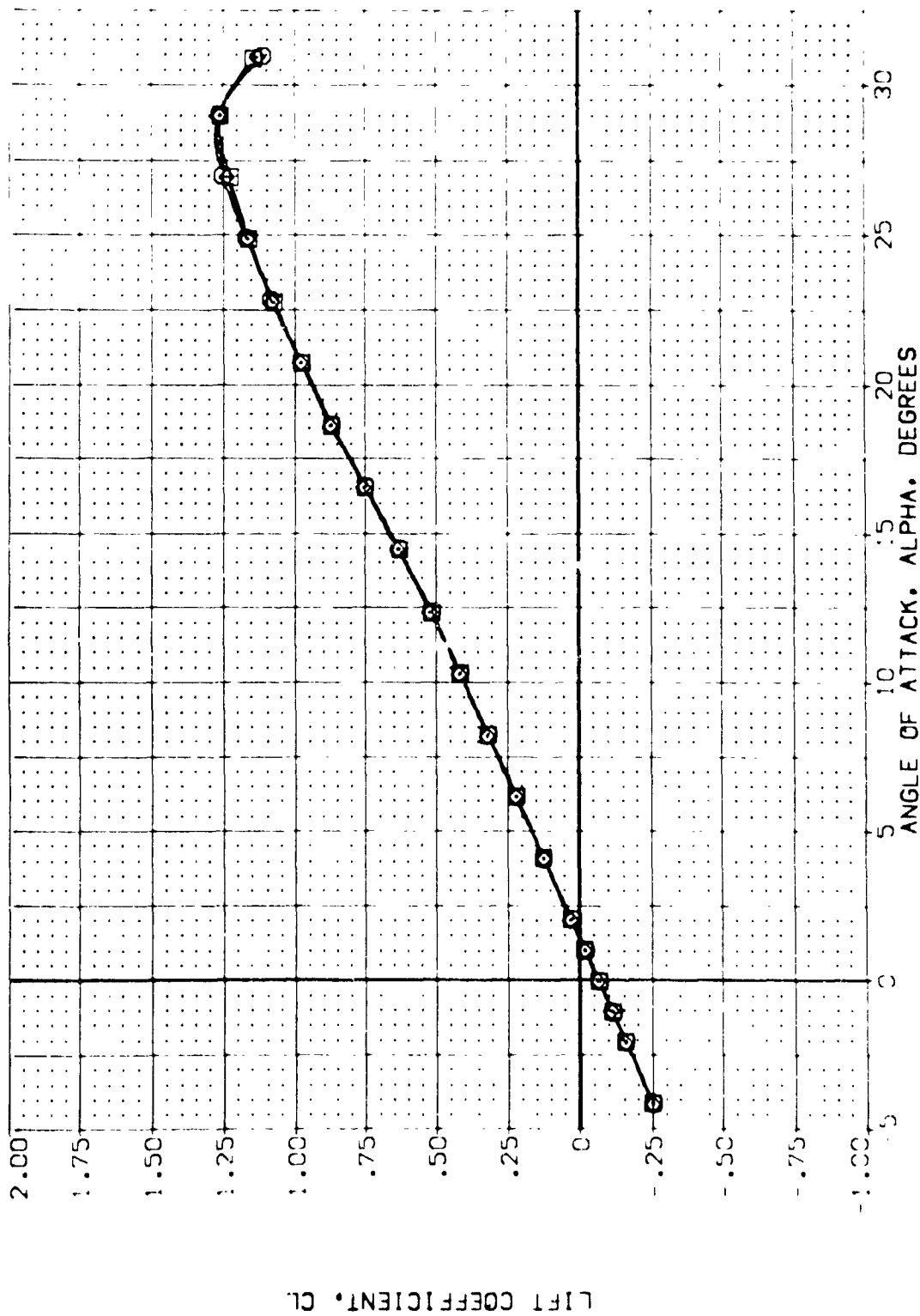


FIG 123 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LONG. STAB., 0 FLARE
 (A) MAG. = .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPOILER	BOFLAP	RUDDER	REFERENCE INFORMATION
(802728)	Q CAS28 876C9 M7E 8 V116E28V16R5X9	.000	.000	-12.000	.000	SREF 4.4119 SQ.FT.
(802728)	Q CAS28 876C9 M7E 8 V116E28V16R5X9	.000	.000	-12.000	.000	LREF 19.2299 NC-FS
(802728)	Q CAS28 876C9 M7E 8 V116E28V16R5X9	.000	.000	-12.000	.000	BREF 37.9359 NC-FS
(802728)	Q CAS28 876C9 M7E 8 V116E28V16R5X9	.000	.000	-12.000	.000	XMRP 43.5974 NC-FS
(802728)	Q CAS28 876C9 M7E 8 V116E28V16R5X9	.000	.000	-12.000	.000	YMRP .0000 NC-FS
(802728)	Q CAS28 876C9 M7E 8 V116E28V16R5X9	.000	.000	-12.000	.000	ZMRP 15.1875 NC-FS
(802728)	Q CAS28 876C9 M7E 8 V116E28V16R5X9	.000	.000	-12.000	.000	SCALE .0400 SCALE

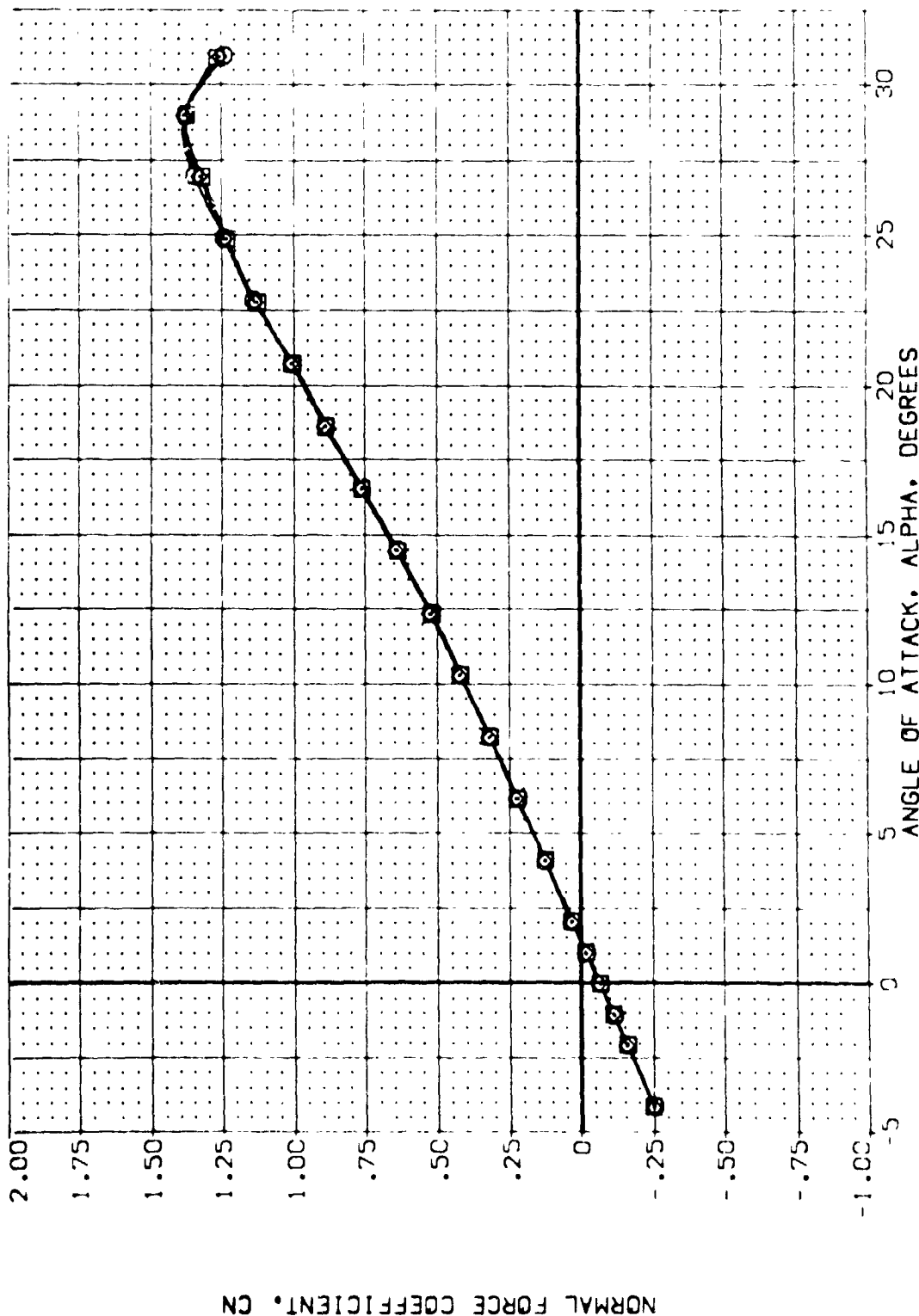


FIG 123 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LONG. STAB.. 0 FLARE
 (A) MAC = .20
 PAGE 1255

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDRBK	BDF LAP	RUDDER	REFERENCE INFORMATION
(BC2278)	DA628 B76C9 W/F 8 V116 28V165X9	.000	.000	-12.000	.000	SRFF 4.4119 SCUT S
(BC2429)	DA628 B76C9 W/F 8 V116 28V165X9	.000	.000	-12.000	.000	LRFF 19.2299 SCUT S
(BC2436)	DA628 B76C9 W/F 8 V116 28V175X9	.000	.000	-12.000	.000	BRFF 37.9359 SCUT S
						AMPO 43.5974 SCUT S
						YMOO .0000 SCUT S
						ZMOO .0000 SCUT S
						SCALE 15.1875 SCUT S

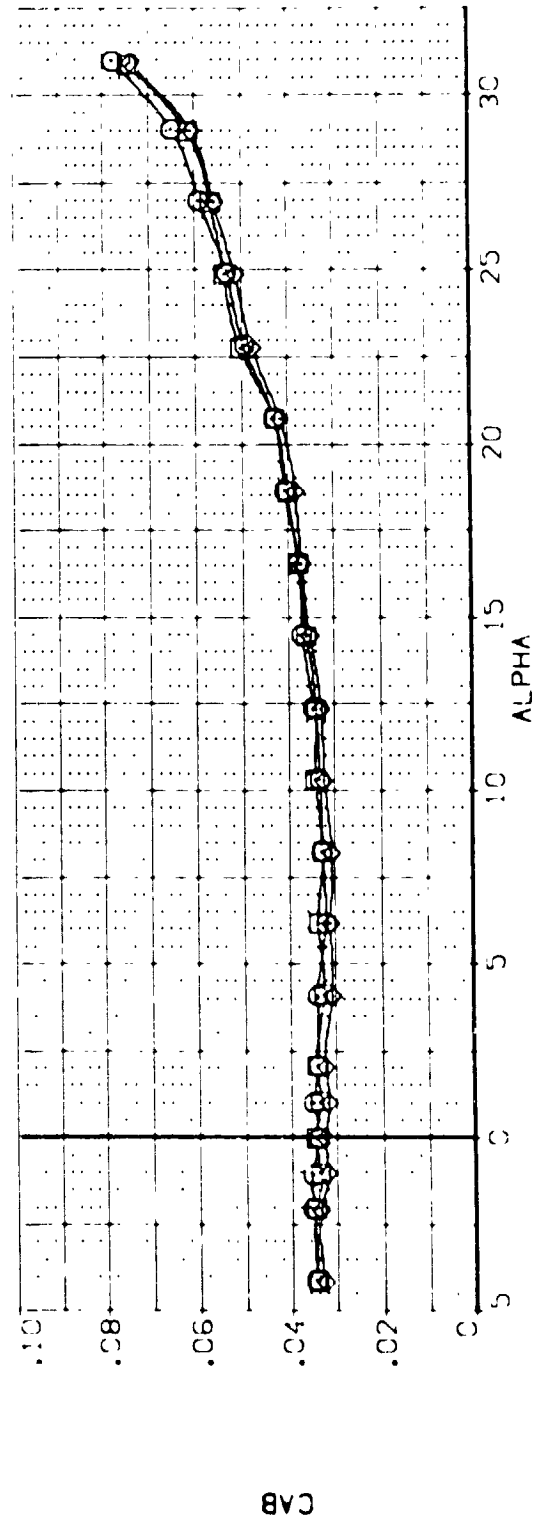
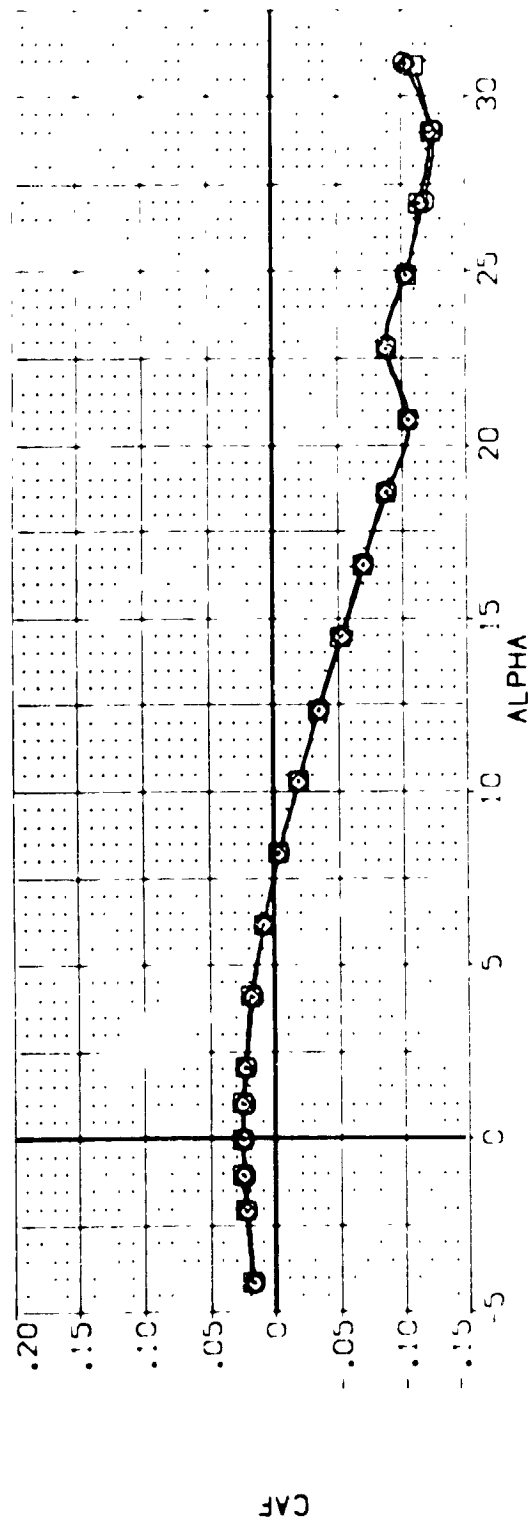


FIG 123 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LONG. STAB.. 0 FLARE
 (CAMAG) .20 PAGE 1256

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BUFLAP	RUDDER	REFERENCE INFORMATION
(BD2228)	QAS28 B26C9 M78 B V11E28V17R5X9	.000	.000	-12.000	.000	SREF 4.4118 SCALF
(BD2429)	QAS28 B26C9 M78 B V11E28V17R5X9	.000	.000	-12.000	.000	LREF 9.2249 NC+S
(BD2436)	QAS28 B26C9 M78 B V11E28V17R5X9	.000	.000	-12.000	.000	BREF 37.9379 NC+S
						YREF 43.5974 NC+S
						ZREF .0000 NC+S
						SCALE 15.1875 NC+S

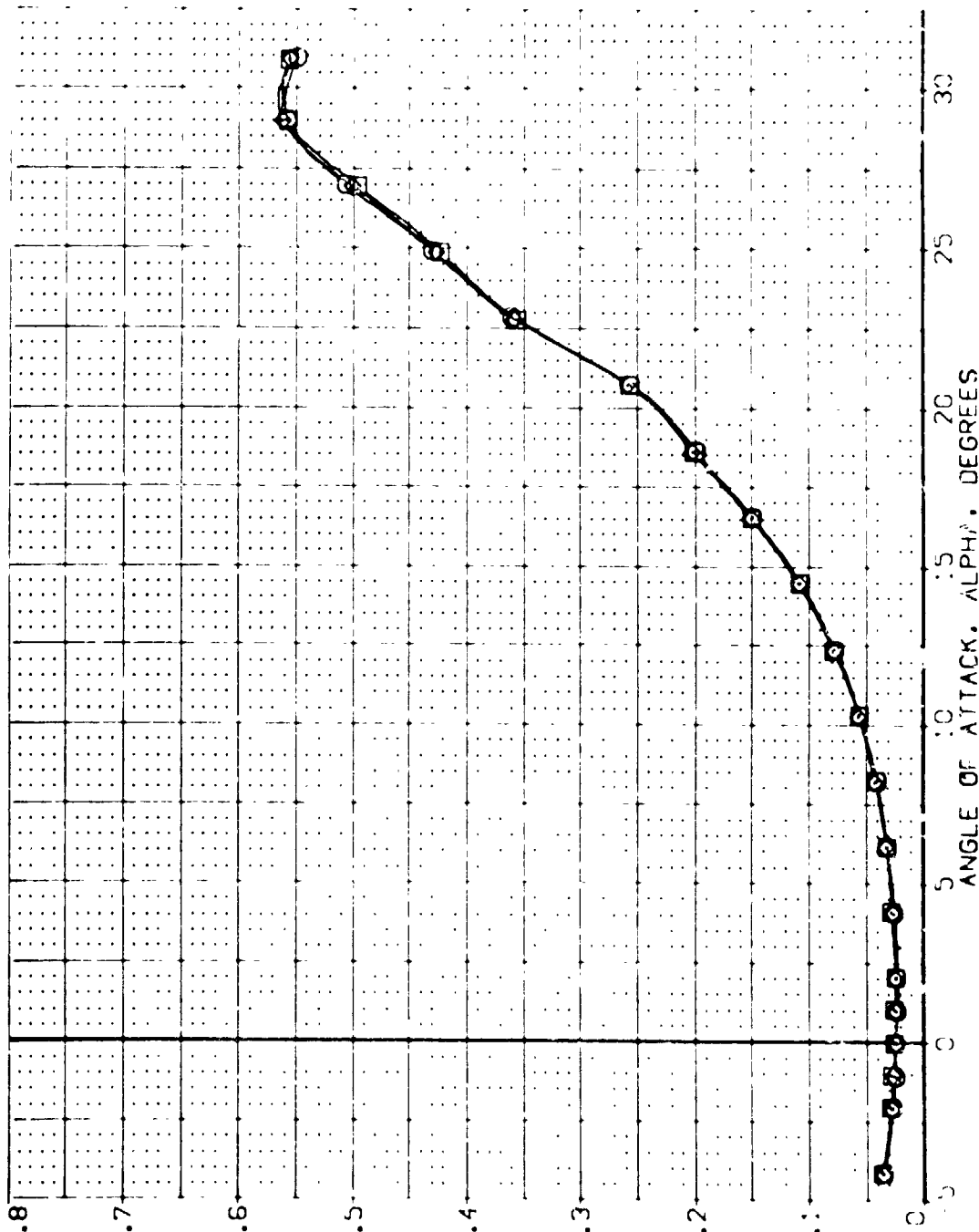


FIG 123 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LONG. STAB., 0 FLAP

DATA SET SYMBOL
 (302228)
 (302428)
 (802436)

CONFIGURATION DESCRIPTION
 04628 87609 M7E 8
 04628 87609 M7E 8
 04628 87609 M7E 8

ELEVON
 .000
 .000
 .000

SPOILER
 .000
 .000
 .000

BOULAP
 -12.000
 -12.000
 -12.000

RUDER
 .000
 .000
 .000

REFERENCE INFORMATION
 SRE 4.4119
 LRF 19.2298
 BRF 37.9359
 XMR 43.5814
 YMR 15.0000
 ZMR 15.0000
 SCALE .0000

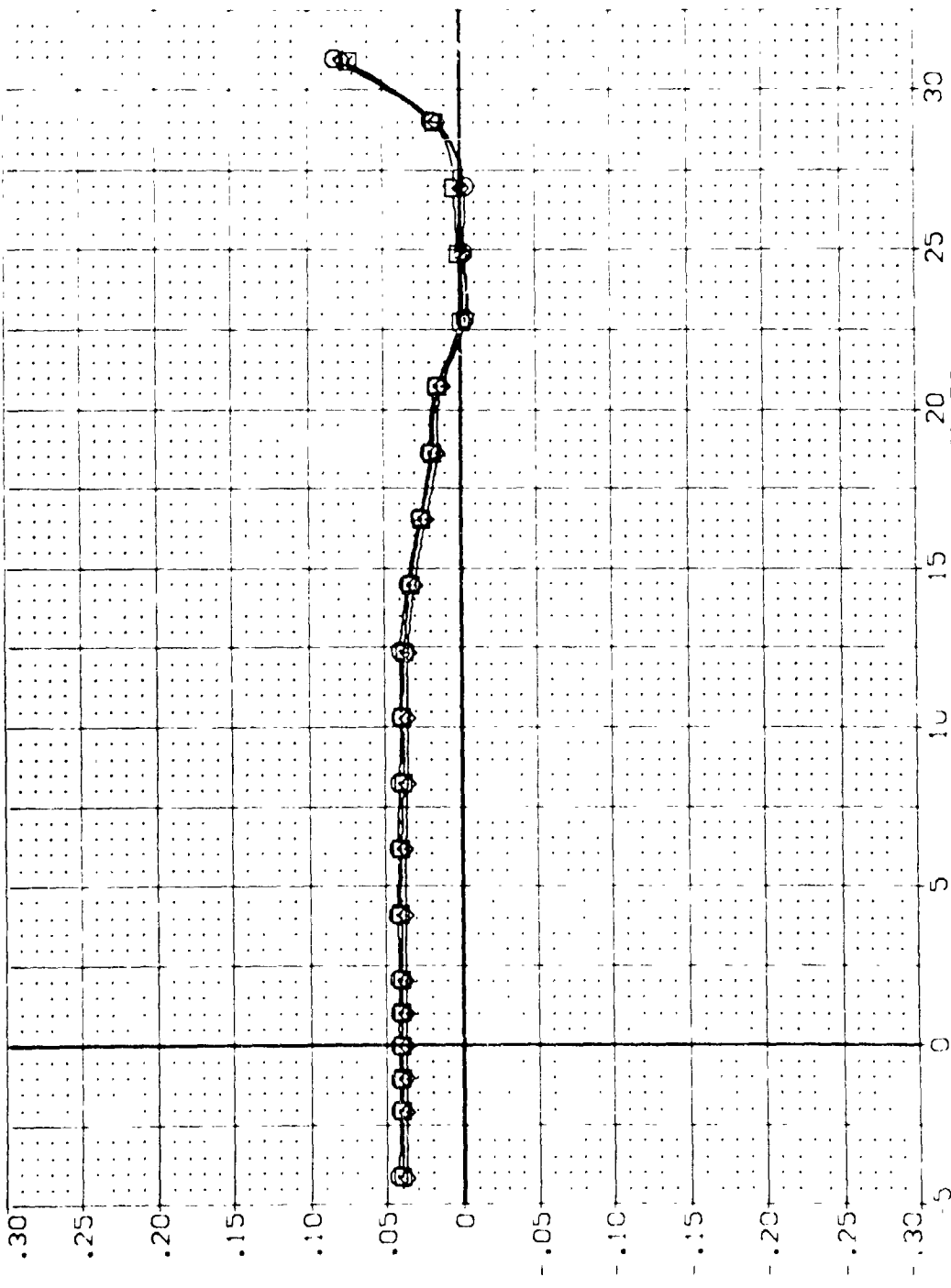


FIG 123 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LONG. STAB., 0 FLARE
 (A) MAC = .20

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (B07278) QAS28 B26C9 M7F8 V116E28V17R5K9S
 (B07429) QAS28 B26C9 M7F8 V116E28V17R5K9S
 (B07436) QAS28 B26C9 M7F8 V116E28V17R5K9S

ELEVON SPDRK BOFLAP RUDDER REFERENCE INFORMATION
 .000 .000 -12.000 .000 SREF 4.419 SQ.F.
 .000 .000 -12.000 .000 LREF 19.249 NC.F.S
 .000 .000 -12.000 .000 BRFF 37.949 NC.F.S
 .000 .000 .000 .000 XREF 43.5974 NC.F.S
 .000 .000 .000 .000 YREF .000 NC.F.S
 .000 .000 .000 .000 ZREF 15.1875 NC.F.S
 .000 .000 .000 .000 SCALE 15.000 NC.F.S

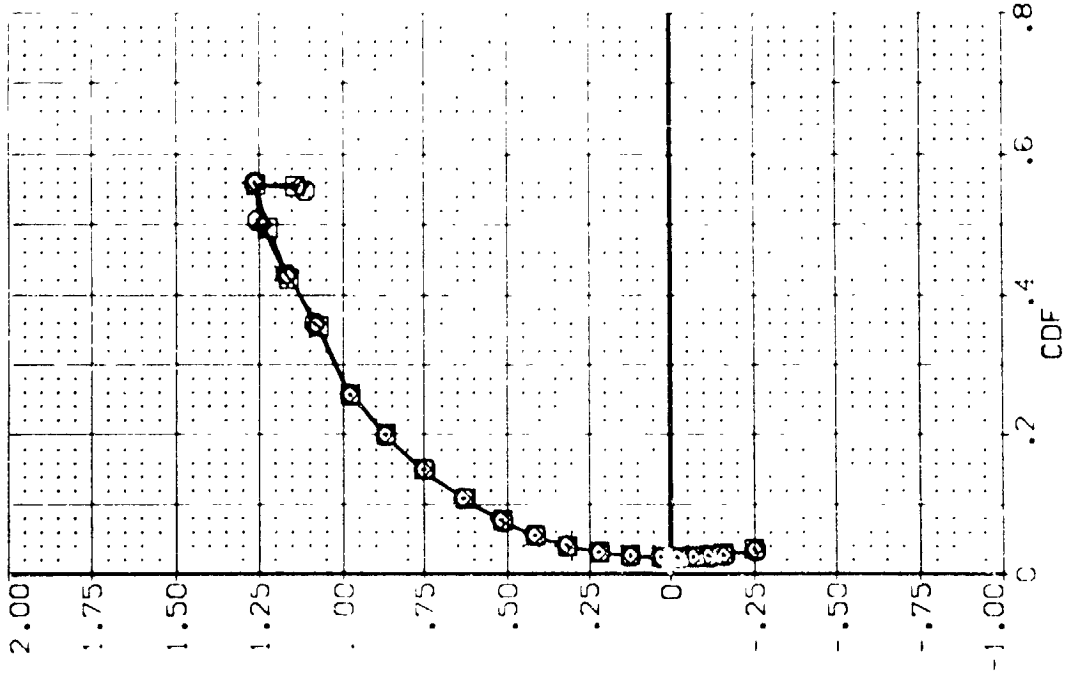
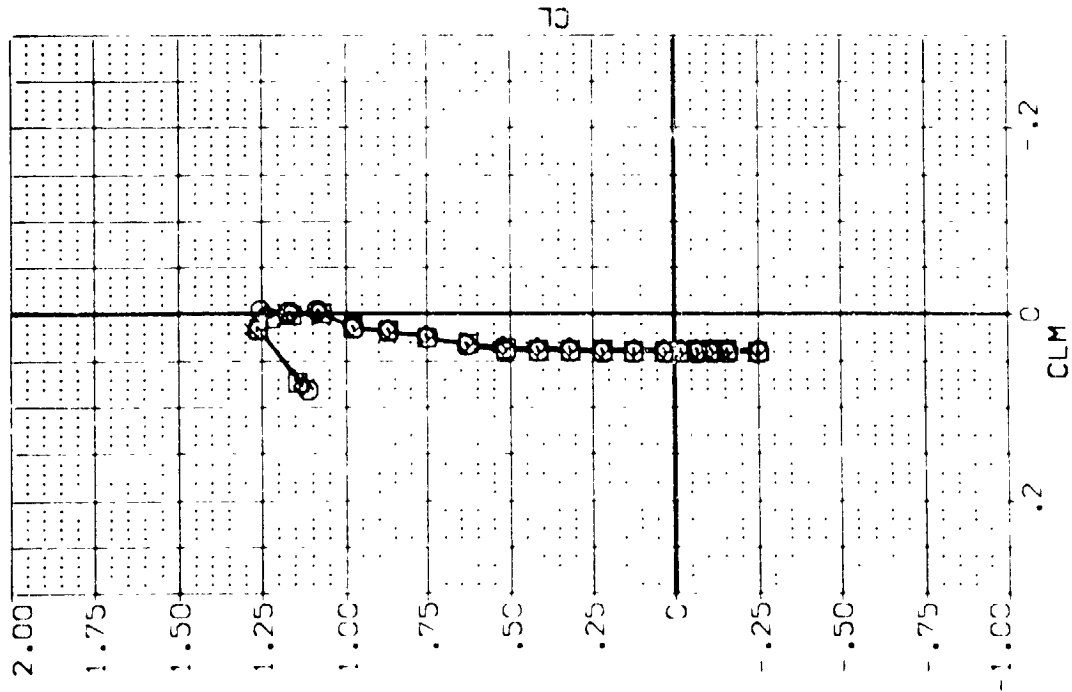


FIG 123 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LONG. STAB. 0 FLARE
 (A)MAC .20 PAGE 1259

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(B02728)	0A628	B26C9	W78	V15E28/6PSX9	ELEVON	SPDBRY	BOF LAP	RUDDER	REFERENCE INFORMATION
(B02429)	0A628	B26C9	W78	V15E28/6PSX9	.000	.000	-12.000	.000	SRF: 4.4119
(B02436)	0A628	B26C9	W78	V15E28/6PSX9	.000	.000	-12.000	.000	LX: 19.2498
					.000	.000	-12.000	.000	BR: 3.9353
					.000	.000	-12.000	.000	Y4PD 43.584
					.000	.000	-12.000	.000	Z4PD 19.1875
					.000	.000	-12.000	.000	SCALE .0405

LONGITUDINAL CENTER OF PRESSURE LOCATION, XCP/L, FRACTION BODY LENGTH

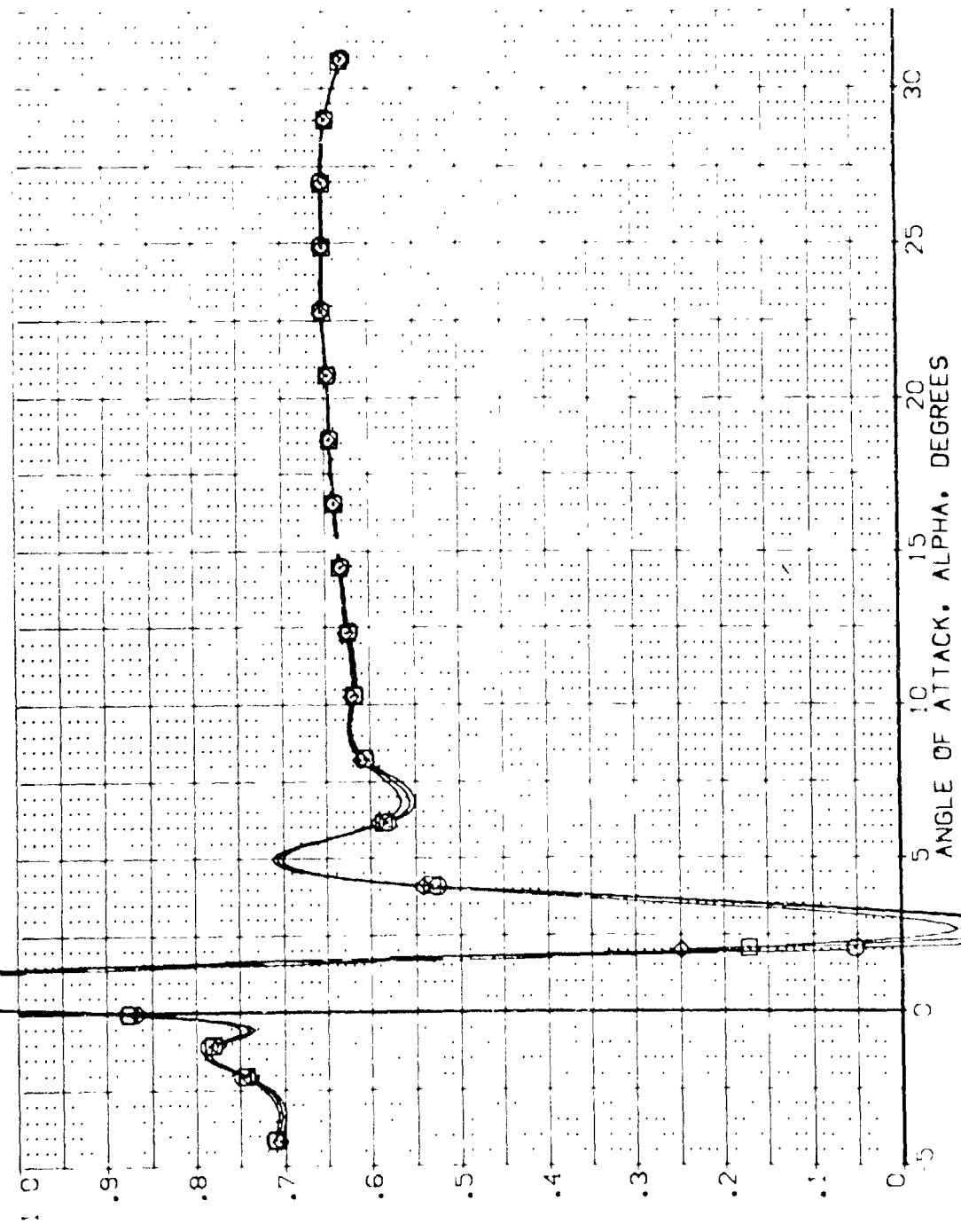


FIG 123 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LONG. STAB.. 0 FLARE
CAYWAC.. .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	SPDBRK	BDFLAP	RUDDER	REFERENCE INFORMATION
(BD2228)	0A628 B26C9 M7F8 V116E28V16R5X9	.000	.000	-12.000	.000	SREF 4.4119 SQ.FT
(BD2429)	0A628 B26C9 M7F8 V116E28V16R5X9	.000	.000	-12.000	.000	REF 19.799 NC+ S
(BD2436)	0A628 B26C9 M7F8 V116E28V17R5X9	.000	.000	-12.000	.000	BREF 37.359 NC+ S
						XREF 43.9974 NC+ S
						YREF .0000 NC+ S
						ZREF 15.1875 NC+ S
						SCALE .0405 SCALE

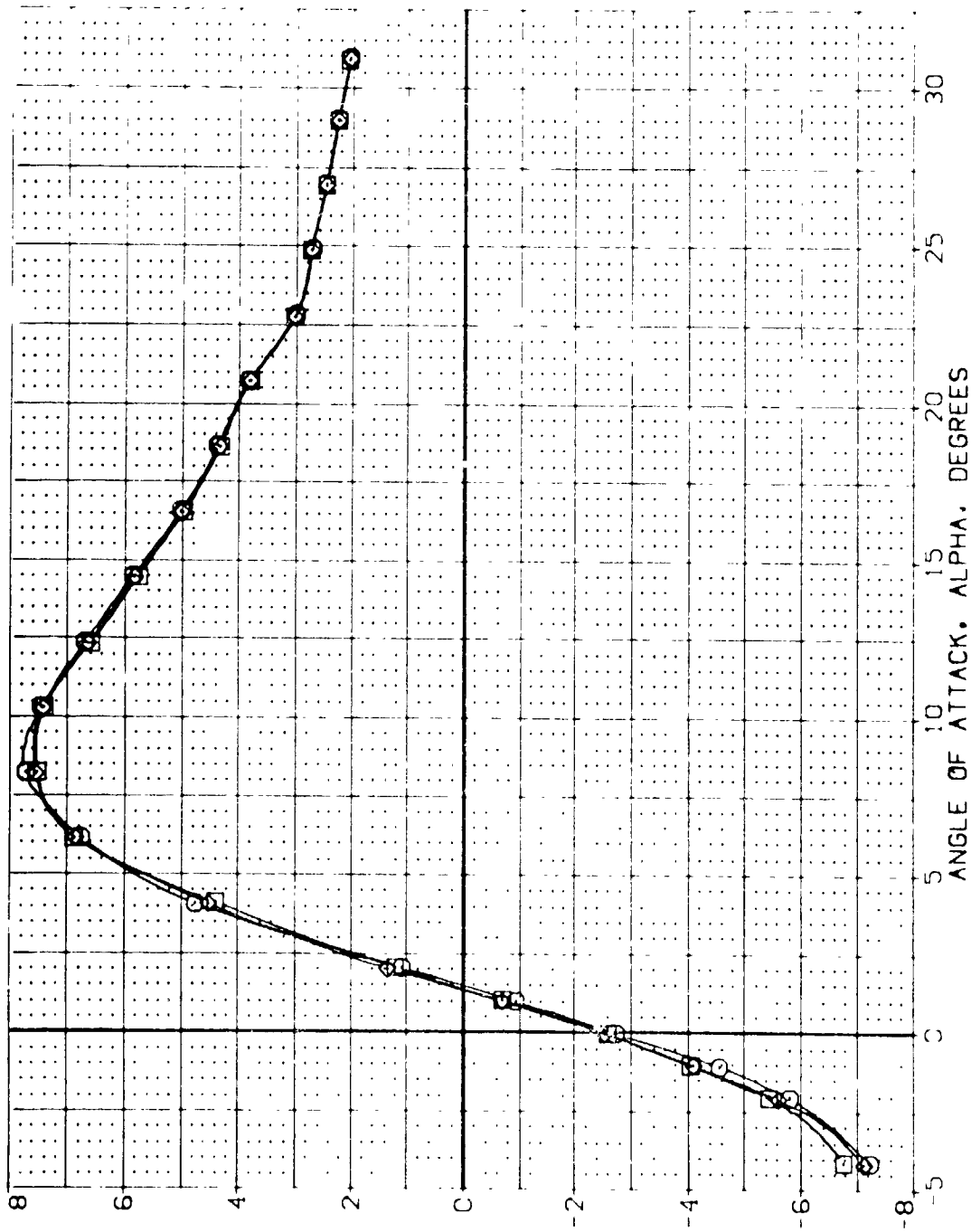


FIG 123 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LONG. STAB.. 0 FLARE
 (A)MAD .20
 PAGE 126

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	ALLISON	REFERENCE INFORMATION
(R02279)	0A628 B26C9 M718 V 6E28V095X9	.000	.000	.000	.000	SREF 4.4119 SQ.F.
(R02430)	0A628 B26C9 M718 V 6E28V16R5X9	.000	.000	.000	.000	REF 19.2299 NC.F.
(R02431)	0A628 B26C9 M718 V 6E28V17R5X9	.000	.000	.000	.000	REF 37.9359 NC.F.
						REF 43.5974 NC.F.
						REF .0000 NC.F.
						REF 15.1875 NC.F.
						REF .0400 NC.F.

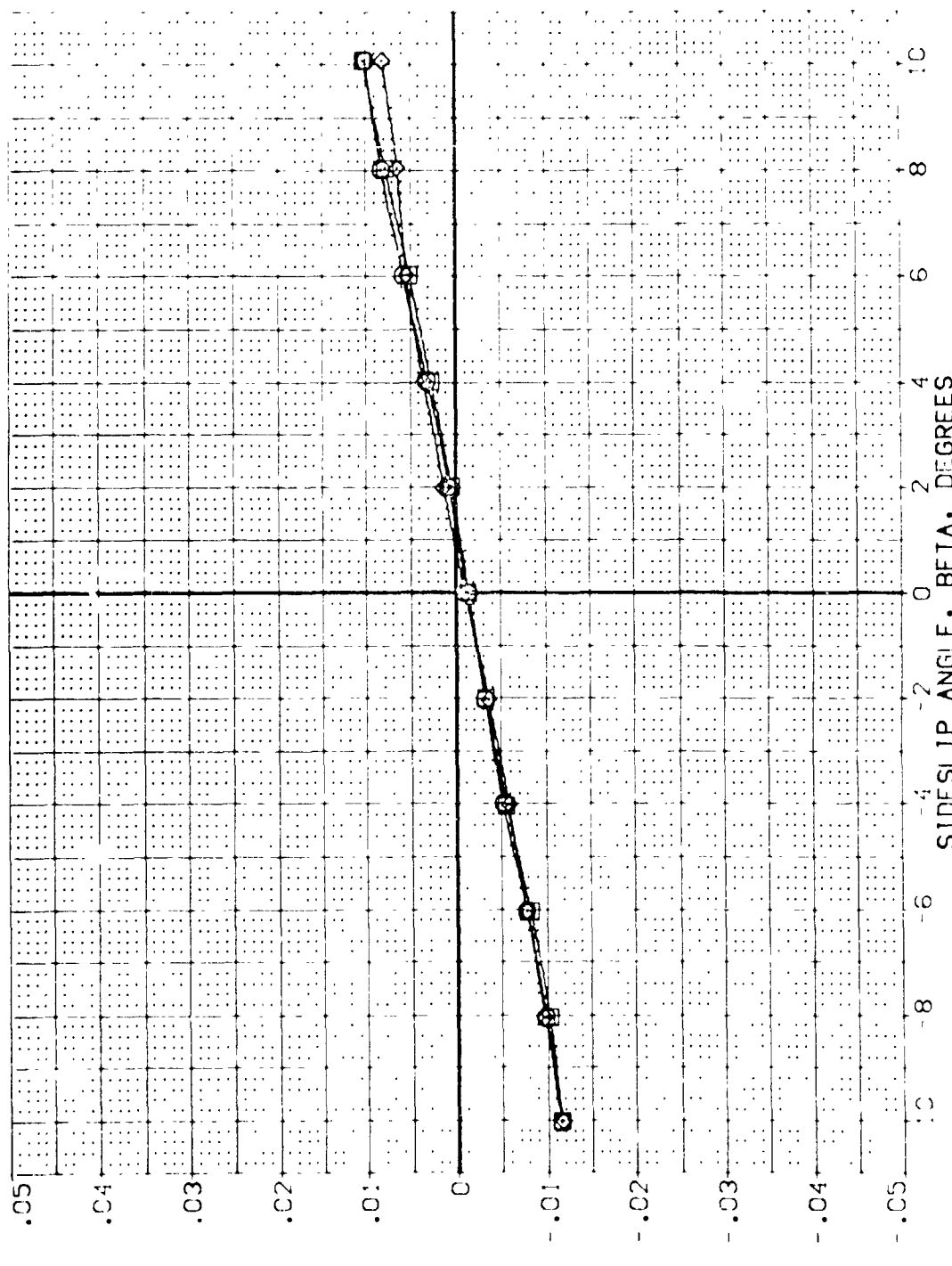


FIG 124 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 0
 (ADMAC) .20 PAGE 1262

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION	SCALE
(RDZ729)	0A628 B76C9 M7F8 V116E28V16R5X9	.000	.000	.000	.000	SREF 4.4119	SC:1
(RDZ130)	0A628 B76C9 M7F8 V116E28V16R5X9	.000	.000	.000	.000	LREF 19.2709	NC:5
(RDZ137)	0A628 B76C9 M7F8 V116E28V17R5X9	.000	.000	.000	.000	BREF 37.9359	NC:5
						XMRP 43.5974	NC:5
						YMRP .000	NC:5
						ZMRP 15.1875	NC:5
						SCALE .0005	SCALE

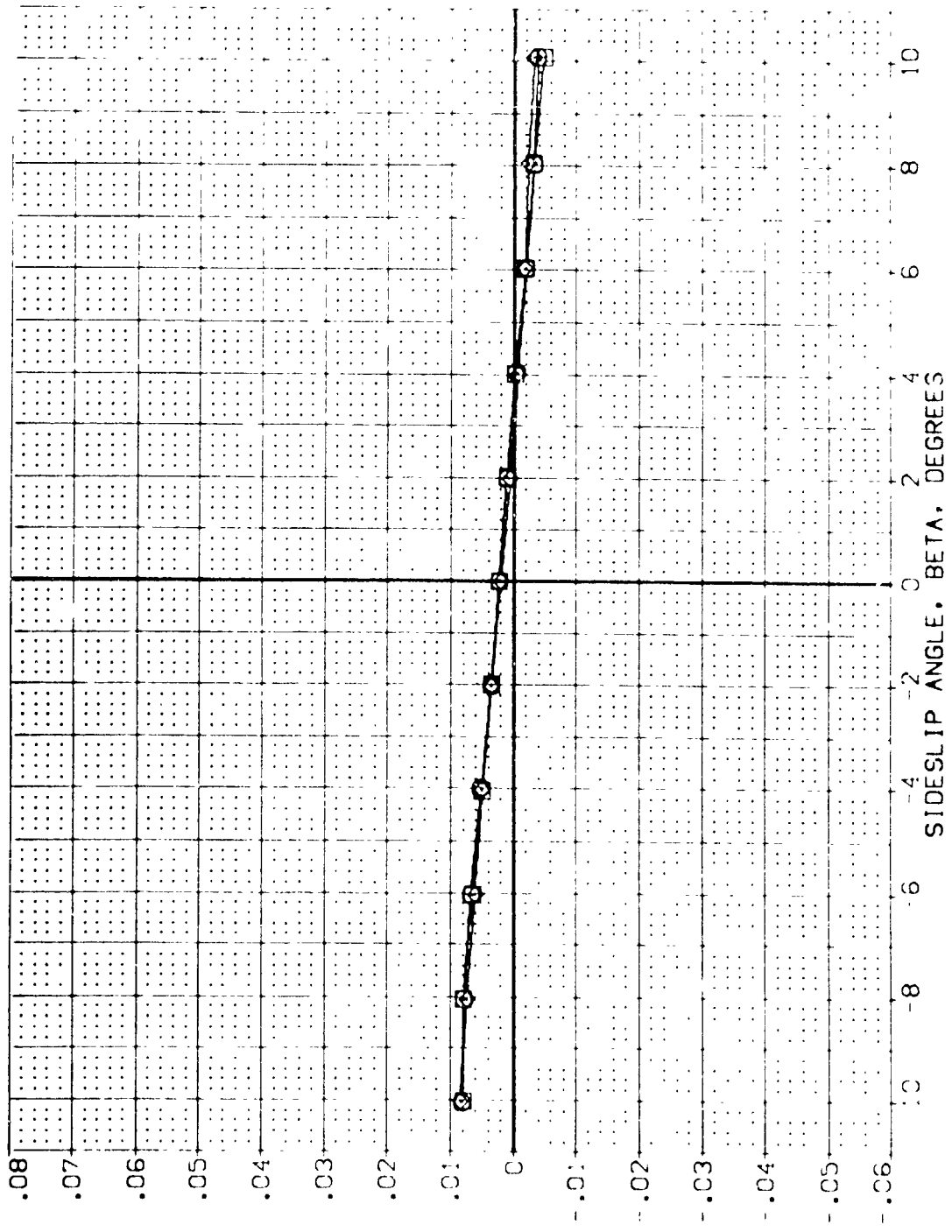


FIG 124 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 0
 (A) MAC. .20 PAGE 1263

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ALPHA	RUDDER	SPOILER	AILERON	REFERENCE INFORMATION			
(RQ2279)	Q	QAG28	B26C9	M71.8	V116E28V1895X9			SREF	4.4119	SCALE	SCALF
(RQ2430)	Q	QAG28	B26C9	M71.8	V116E28V1895X9			REF	19.2799	SCALE	SCALF
(RQ2437)	Q	QAG28	B26C9	M71.8	V116E28V1895X9			BR	37.9379	SCALE	SCALF
								YREF	43.5574	SCALE	SCALF
								ZREF	15.1875	SCALE	SCALF
								SCALE	.0403	SCALE	SCALF

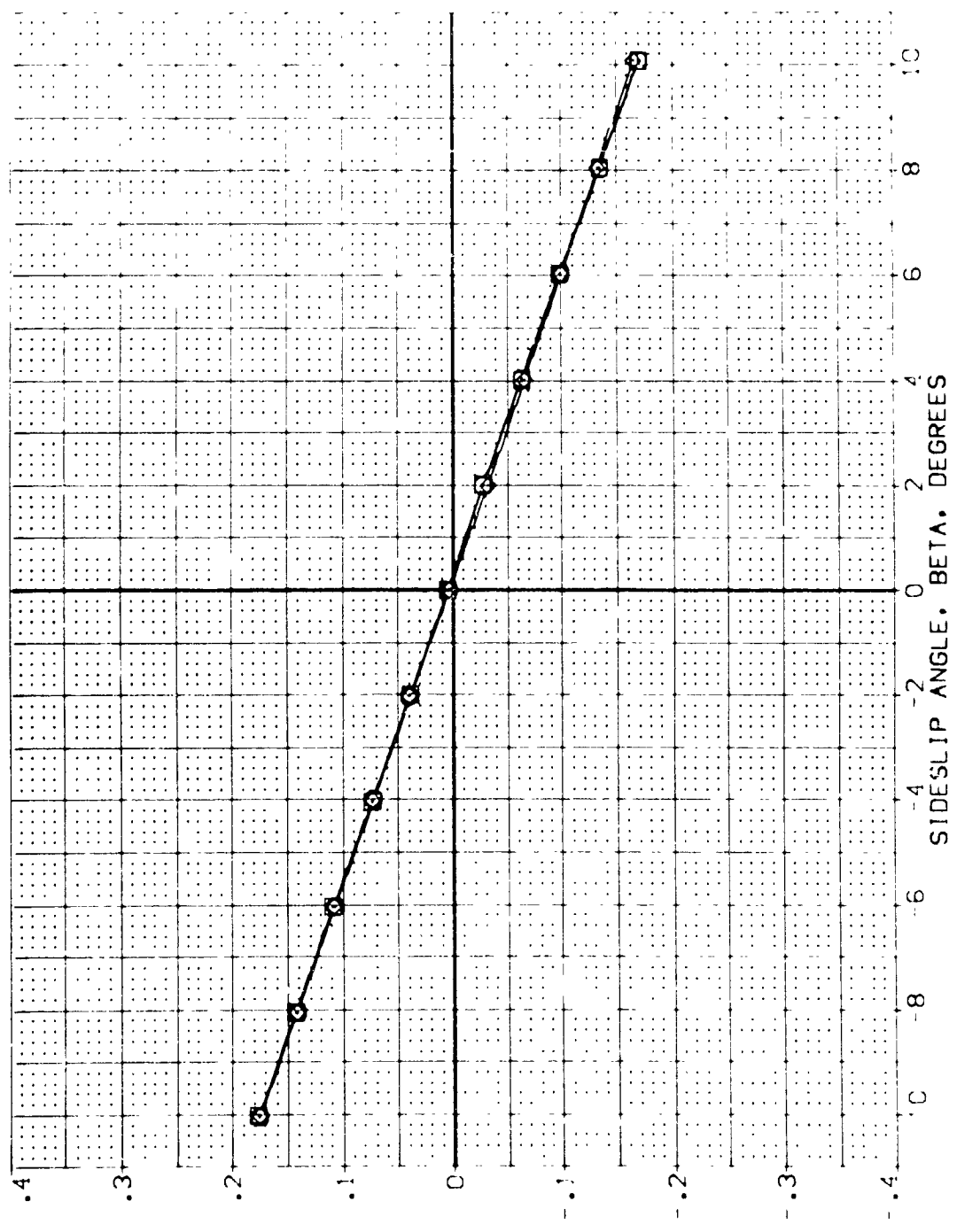
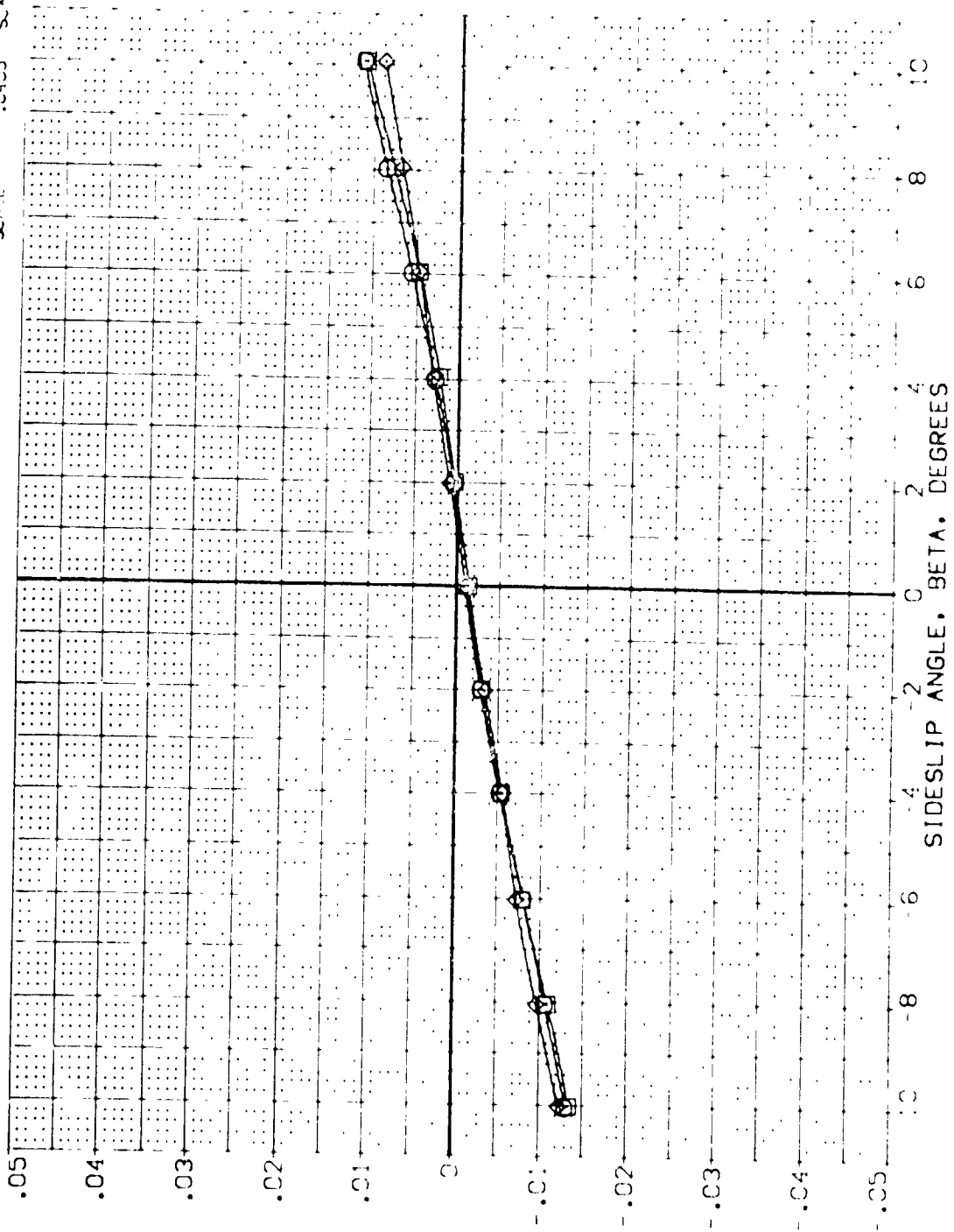


FIG 124 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 0
 (A)MAC- .20
 PAGE 1264

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AIRRON	REFERENCE INFORMATION
(R02730)	QAS28 B26C9 M7E8 V116E28V6PSX9	5.000	.000	.000	.000	SREF 4.4119 SQ.FT.
(R07431)	QAS28 B26C9 M7E8 V116E28V16PSX9	5.000	.000	.000	.000	LRREF 19.2298 INCHES
(R07438)	QAS28 B26C9 M7E8 V116E28V17PSX9	5.000	.000	.000	.000	BRREF 37.9359 INCHES
						XREF 43.5974 INCHES
						YREF .0000 INCHES
						ZREF 15.1875 INCHES
						SCALE .0405



YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

FIG 125 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 5

CASMAC .20

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPDRK	ALLRON	REFERENCE INFORMATION
(R02720)	QAS28 B26C9 M7: 8 V116E 28V18P5X9	5.000	.000	.000	.000	SREF 4.4119 SC.F.F.
(R027431)	QAS28 B26C9 M7: 8 V116E 28V18P5X9	5.000	.000	.000	.000	REF 19.2759 INCHES
(R027438)	QAS28 B26C9 M7: 8 V116E 28V17P5X9	5.000	.000	.000	.000	BREF 37.9359 INCHES
						XREF 43.5874 INCHES
						YREF .0000 INCHES
						ZREF 13.1873 INCHES
						SCALE .0403

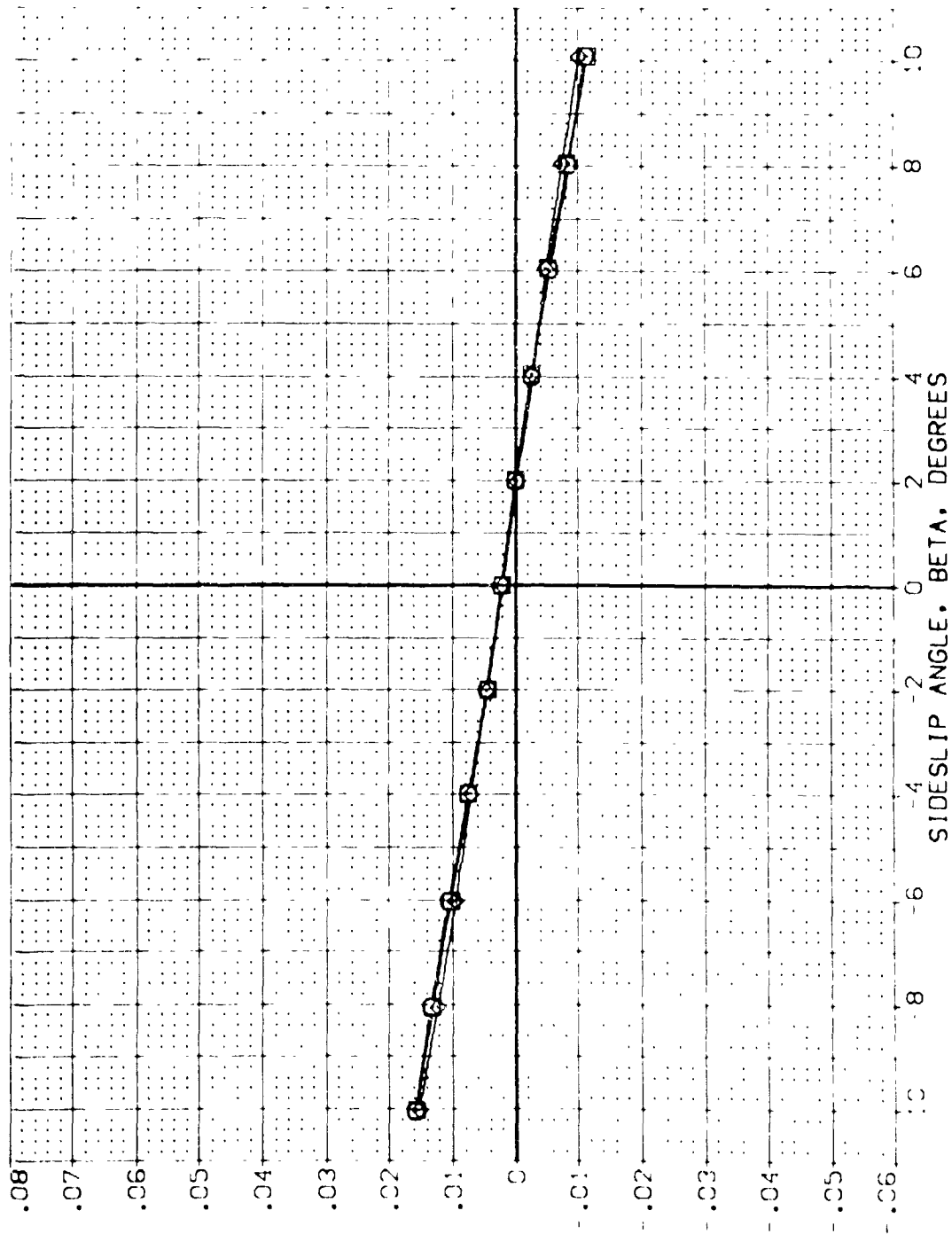


FIG 125 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 5

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOILER	AILERON	REFERENCE INFORMATION
(907230)	Q 04628 B26C9 M7F8 V116E28V165X9	5.000	.000	.000	.000	SREF 4.4119 SCALF 1
(927431)	Q 04628 B26C9 M7F8 V116E28V165X9	5.000	.000	.000	.000	REF 19.2288 SCALF 1
(927438)	Q 04628 B26C9 M7F8 V116E28V175X9	5.000	.000	.000	.000	REF 37.9309 SCALF 1
						REF 43.5974 SCALF 1
						REF 15.0000 SCALF 1
						REF 15.16 SCALF 1
						REF 15.0105 SCALF 1

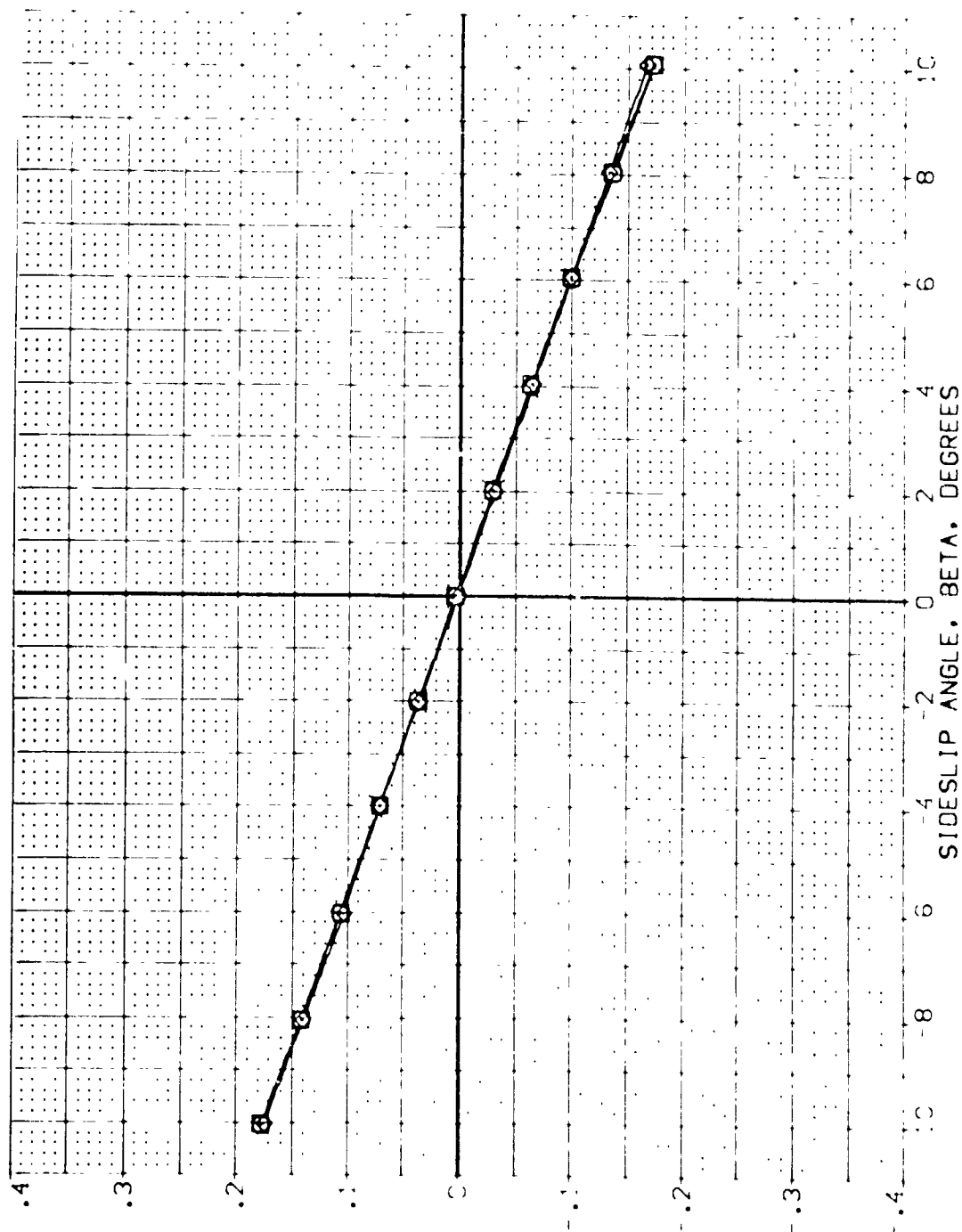


FIG 125 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 5

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPDBRK	ALL-ROD	REFERENCE INFORMATION
016209	87609 W/8	10.000	.000	.000	.000	SPR 1 4.4119 SCF 1
016209	87609 W/8	10.000	.000	.000	.000	SPR 1 9.2799 SCF 1
016209	87609 W/8	10.000	.000	.000	.000	SPR 1 37.9339 SCF 1
016209	87609 W/8	10.000	.000	.000	.000	SPR 1 43.5814 SCF 1
016209	87609 W/8	10.000	.000	.000	.000	SPR 1 15.1875 SCF 1
016209	87609 W/8	10.000	.000	.000	.000	SPR 1 10.0400 SCF 1

YAWING MOMENT COEFFICIENT, CYN (BODY AXIS)

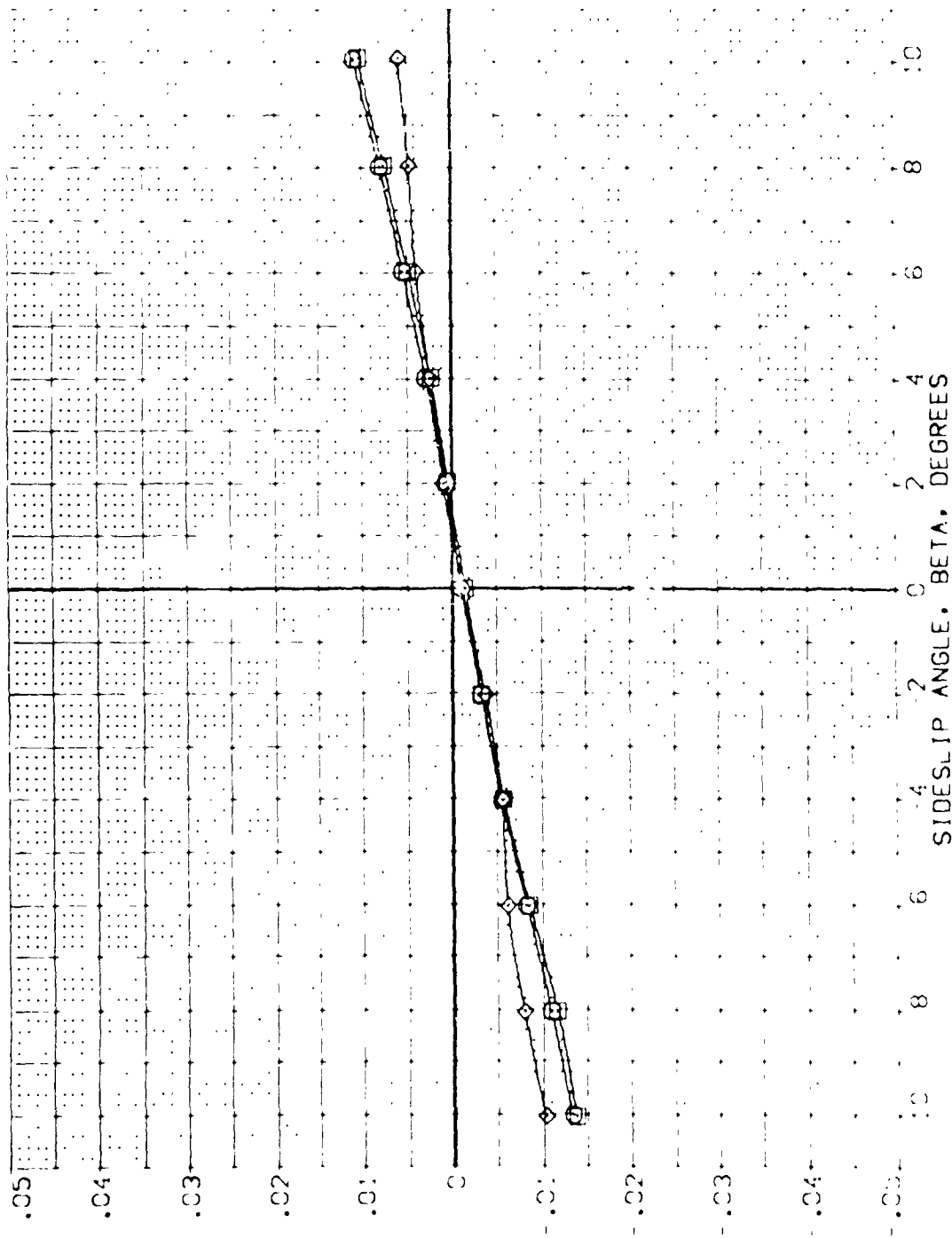


FIG 126 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 10
PAGE 1268

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RJORDER	SPJBRK	ALLPO	REFERENCE INFORMATION
(R02731)	DA628 B26C9 M7B V11628/875X9	10.000	.000	.000	.000	SRK 4.4119 SQ.FT
(R027437)	DA628 B26C9 M7B V11628/1675X9	10.000	.000	.000	.000	SRK 19.2799 SQ.FT
(R027439)	DA628 B26C9 M7B V11628/1775X9	10.000	.000	.000	.000	SRK 37.9359 SQ.FT
						SRK 43.3591 SQ.FT
						SRK 15.1875 SQ.FT
						SRK 10.4000 SQ.FT

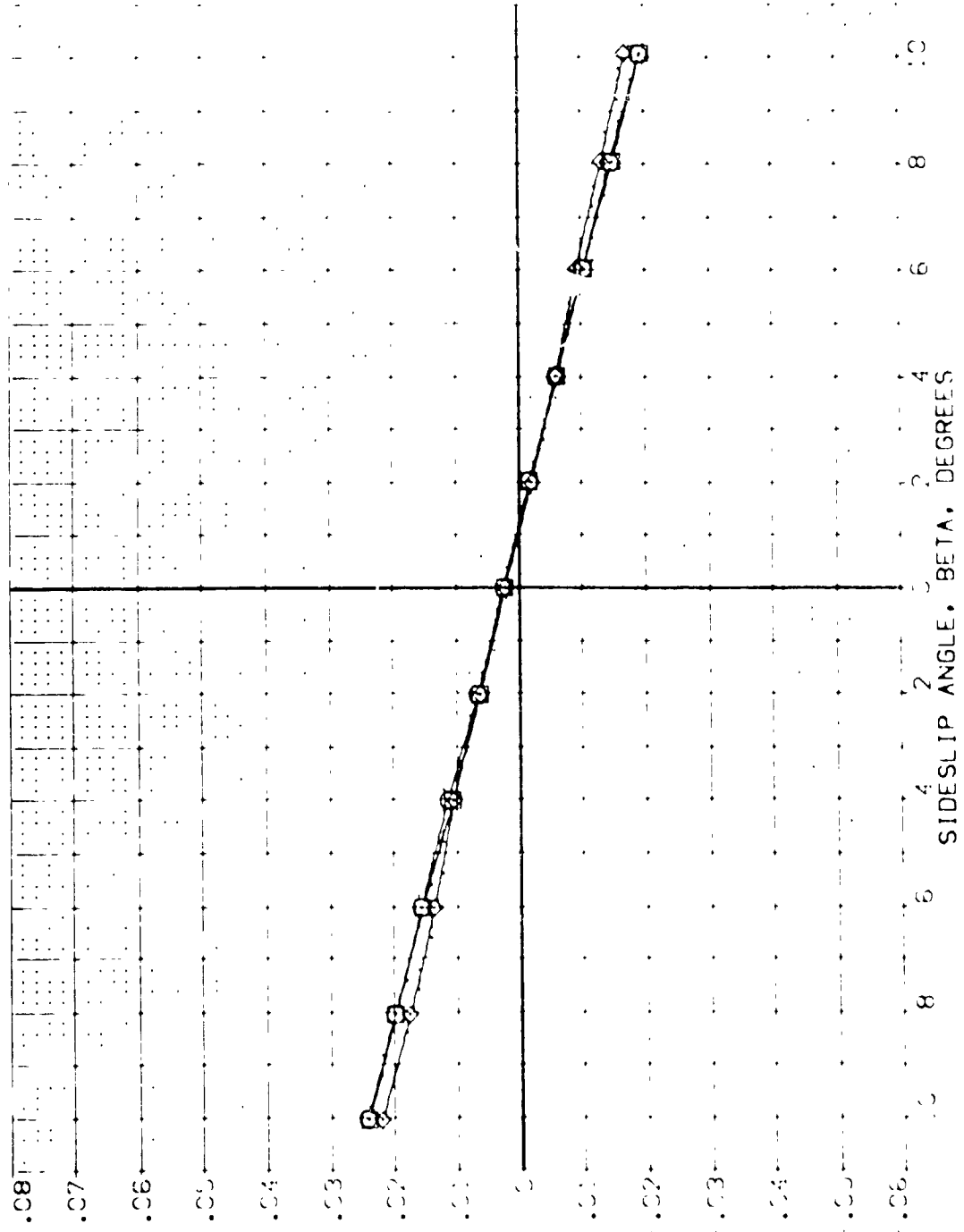


FIG 126 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIP ST., ALPHA = 10
 (A) (B)

SIDE FORCE COEFFICIENT, CY

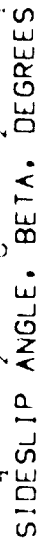


FIG 126 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 10

Case	Year	Age	Sex	Occupation	Location	Notes
1	1970	25	M	Farmer	India	...
2	1971	30	F	Teacher	India	...
3	1972	35	M	Engineer	India	...
4	1973	40	F	Homemaker	India	...
5	1974	45	M	Businessman	India	...
6	1975	50	F	Retired	India	...
7	1976	55	M	Doctor	India	...
8	1977	60	F	Homemaker	India	...
9	1978	65	M	Retired	India	...
10	1979	70	F	Homemaker	India	...
11	1980	75	M	Retired	India	...
12	1981	80	F	Homemaker	India	...
13	1982	85	M	Retired	India	...
14	1983	90	F	Homemaker	India	...
15	1984	95	M	Retired	India	...
16	1985	100	F	Homemaker	India	...
17	1986	105	M	Retired	India	...
18	1987	110	F	Homemaker	India	...
19	1988	115	M	Retired	India	...
20	1989	120	F	Homemaker	India	...
21	1990	125	M	Retired	India	...
22	1991	130	F	Homemaker	India	...
23	1992	135	M	Retired	India	...
24	1993	140	F	Homemaker	India	...
25	1994	145	M	Retired	India	...
26	1995	150	F	Homemaker	India	...
27	1996	155	M	Retired	India	...
28	1997	160	F	Homemaker	India	...
29	1998	165	M	Retired	India	...
30	1999	170	F	Homemaker	India	...
31	2000	175	M	Retired	India	...
32	2001	180	F	Homemaker	India	...
33	2002	185	M	Retired	India	...
34	2003	190	F	Homemaker	India	...
35	2004	195	M	Retired	India	...
36	2005	200	F	Homemaker	India	...
37	2006	205	M	Retired	India	...
38	2007	210	F	Homemaker	India	...
39	2008	215	M	Retired	India	...
40	2009	220	F	Homemaker	India	...
41	2010	225	M	Retired	India	...
42	2011	230	F	Homemaker	India	...
43	2012	235	M	Retired	India	...
44	2013	240	F	Homemaker	India	...
45	2014	245	M	Retired	India	...
46	2015	250	F	Homemaker	India	...
47	2016	255	M	Retired	India	...
48	2017	260	F	Homemaker	India	...
49	2018	265	M	Retired	India	...
50	2019	270	F	Homemaker	India	...
51	2020	275	M	Retired	India	...
52	2021	280	F	Homemaker	India	...
53	2022	285	M	Retired	India	...
54	2023	290	F	Homemaker	India	...
55	2024	295	M	Retired	India	...
56	2025	300	F	Homemaker	India	...
57	2026	305	M	Retired	India	...
58	2027	310	F	Homemaker	India	...
59	2028	315	M	Retired	India	...
60	2029	320	F	Homemaker	India	...
61	2030	325	M	Retired	India	...
62	2031	330	F	Homemaker	India	...
63	2032	335	M	Retired	India	...
64	2033	340	F	Homemaker	India	...
65	2034	345	M	Retired	India	...
66	2035	350	F	Homemaker	India	...
67	2036					

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDER	SPOILER	AILERON	REFERENCE INFORMATION
(R02232)	Q 0A628 B76C9 M78	15.000	.000	.000	.000	SREF 4.4119 SQ.FT
(R02433)	Q 0A628 B76C9 M78	15.000	.000	.000	.000	LRX 19.2288 INCHES
(R02440)	Q 0A628 B76C9 M78	15.000	.000	.000	.000	BRX 37.9359 INCHES
						AYRD 43.554 INCHES
						YMRD .0000 INCHES
						YMRD 15.1875 INCHES
						SCALE .0403

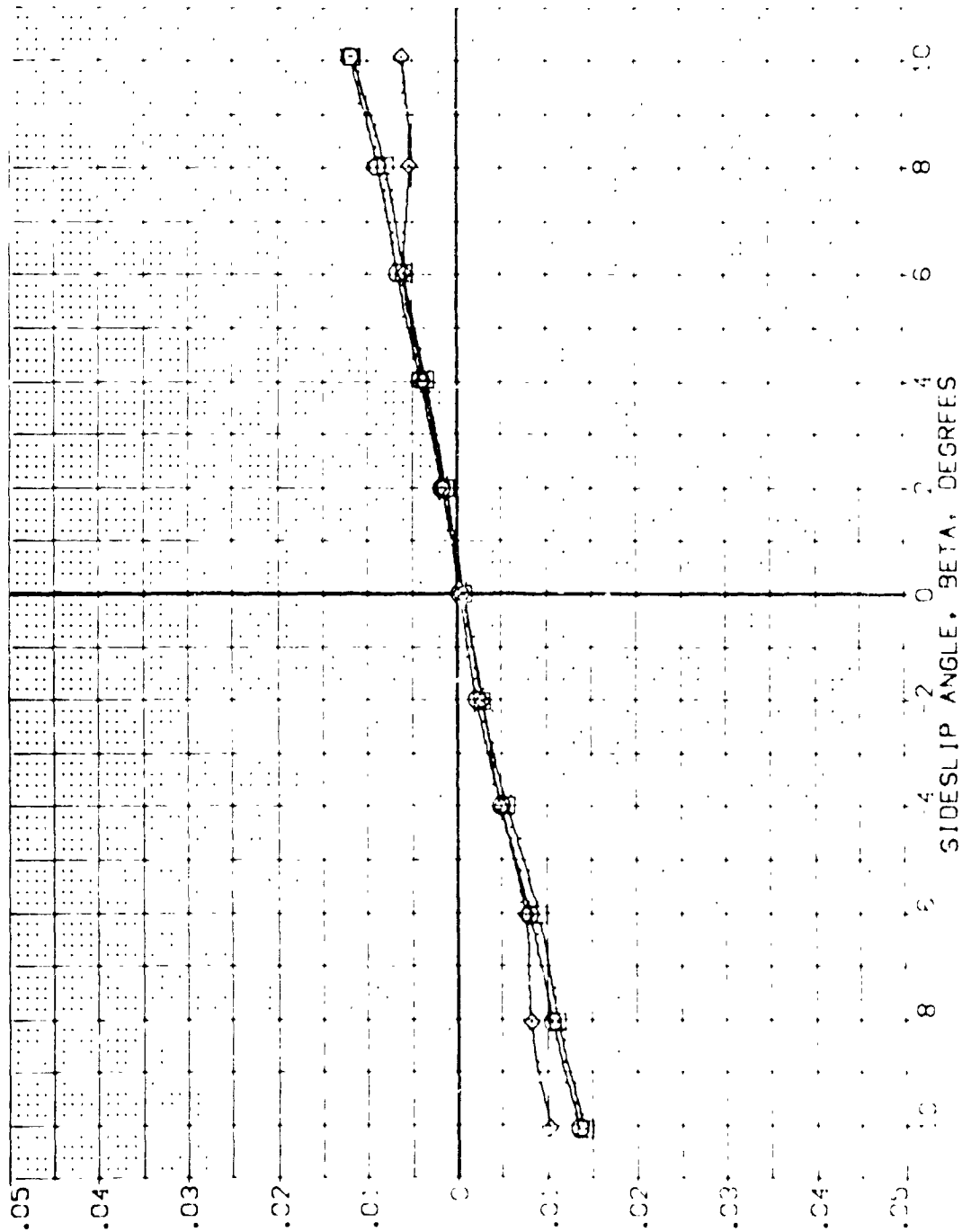


FIG 127 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 15
 CADMAC .20
 PAGE 127

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		REFERENCE INFORMATION	
[H2732]	3A628	WTE8	V1.6E28V16PSX9	SREF	4.4119
[RQ233]	3A628	WTE8	V1.6E28V16PSX9	UREF	19.2299
[RQ2410]	3A628	WTE8	V1.6E28V16PSX9	BRF	37.9359
				XREF	43.5974
				YREF	15.1875
				ZREF	15.1875
				SCALE	1.405

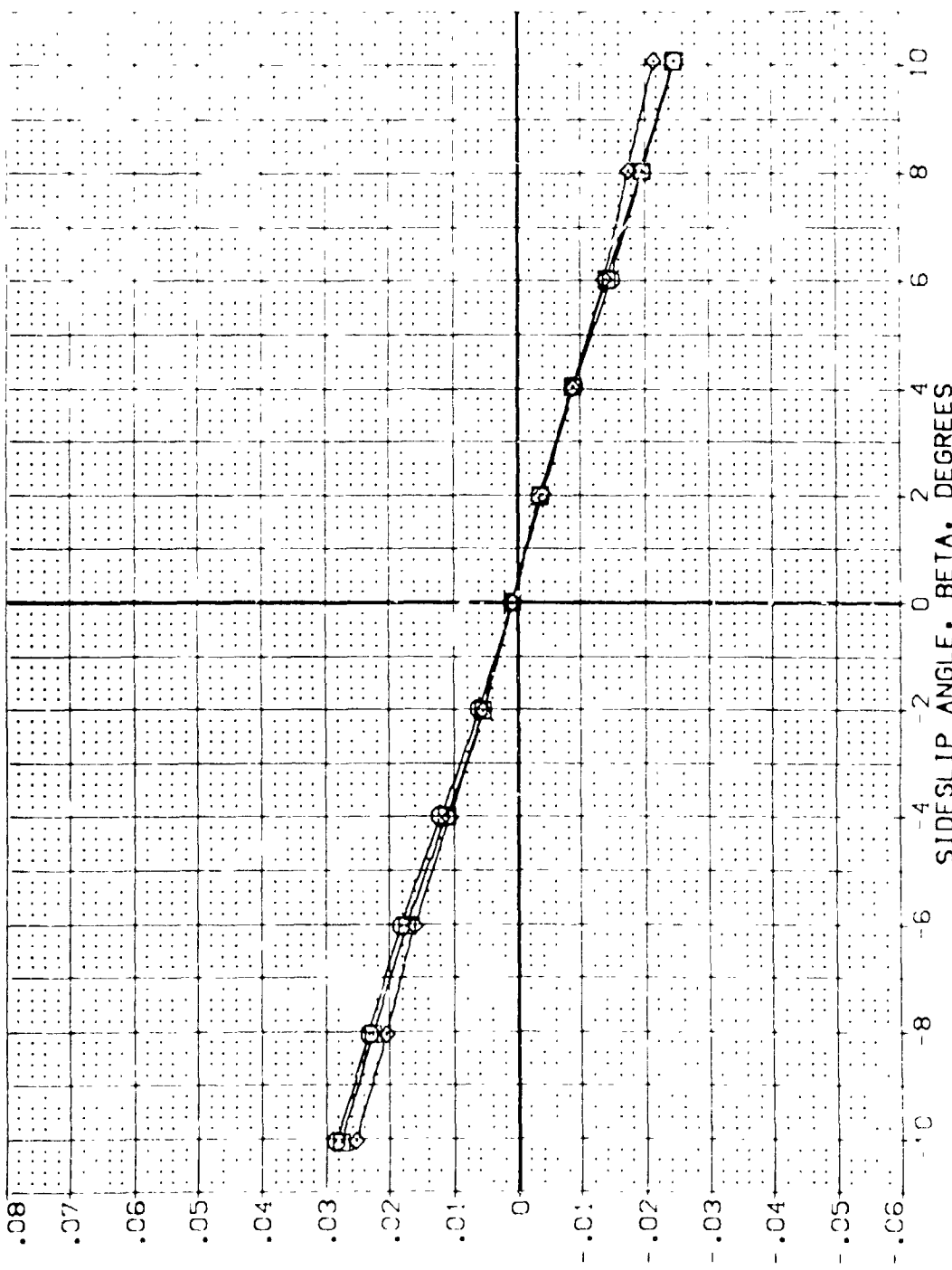
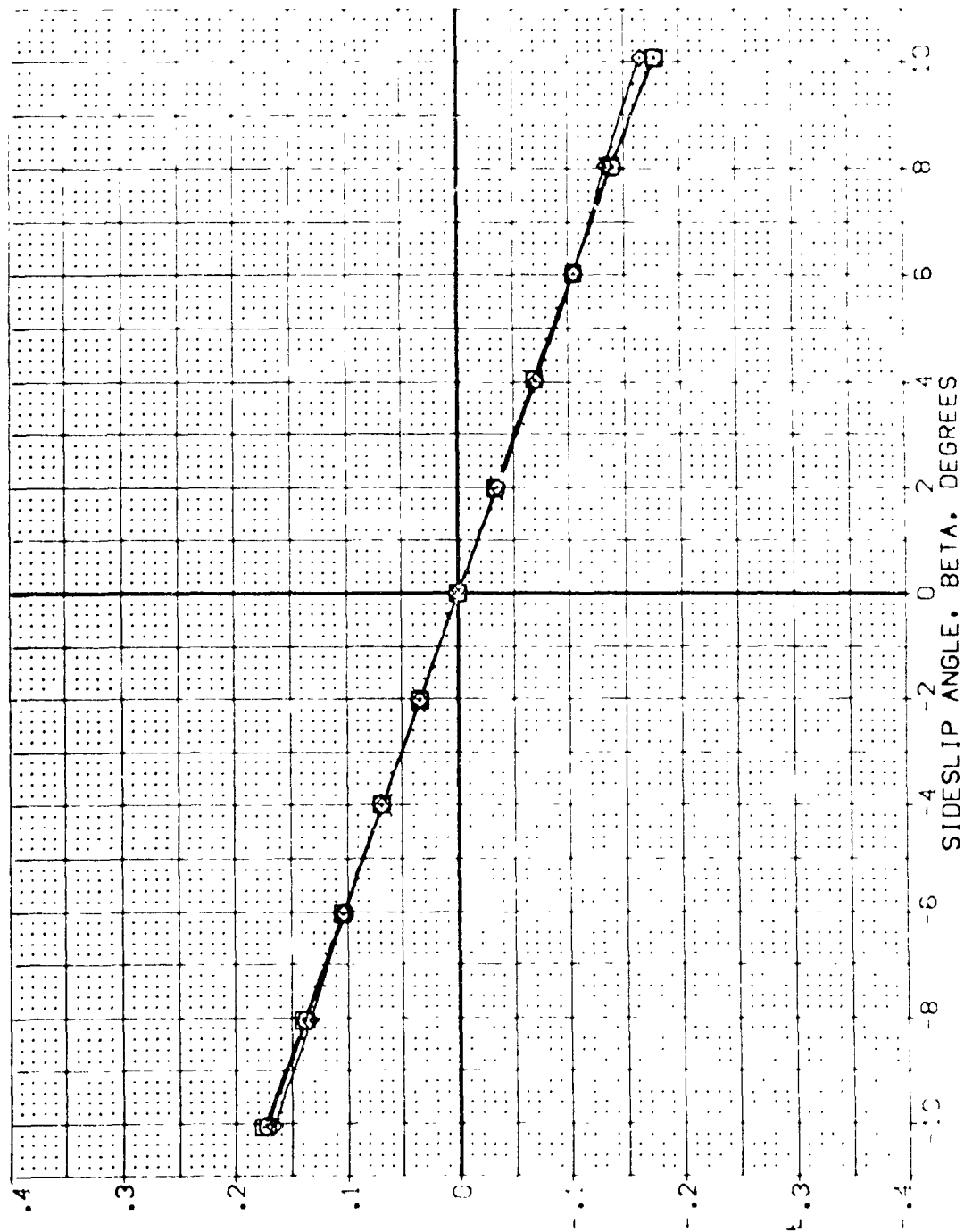


FIG 127 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 15
 (A) MAC = .20 PAGE 1272

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPOILER	ALLRON	REFERENCE INFORMATION
(R02232)	0A628 B26C9 M7F8 V116E28V16R5X9	15.000	.000	.000	.000	SREF 4.4119 SC.F.T.
(R02433)	0A628 B26C9 M7F8 V116E28V16R5X9	15.000	.000	.000	.000	LREF 19.2299 NC.F.S
(R02440)	0A628 B26C9 M7F8 V116E28V16R5X9	15.000	.000	.000	.000	BREF 37.9359 NC.F.S
						XREF 43.5871 NC.F.S
						YREF .0000 NC.F.S
						ZREF 15.1875 NC.F.S
						SCALE .0405



SIDE FORCE COEFFICIENT, CY

FIG 127 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 15

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	POOR R	SPOOK	ALTRON	REFERENCE INFORMATION
(R0Z733)	M7E 8	20,000	.000	.000	.000	4,419
(R0Z734)	M7E 8	20,000	.000	.000	.000	19,229
(R0Z741)	M7E 8	20,000	.000	.000	.000	27,578
	M7E 8	20,000	.000	.000	.000	43,554
						15,185
						10,825
						10,825

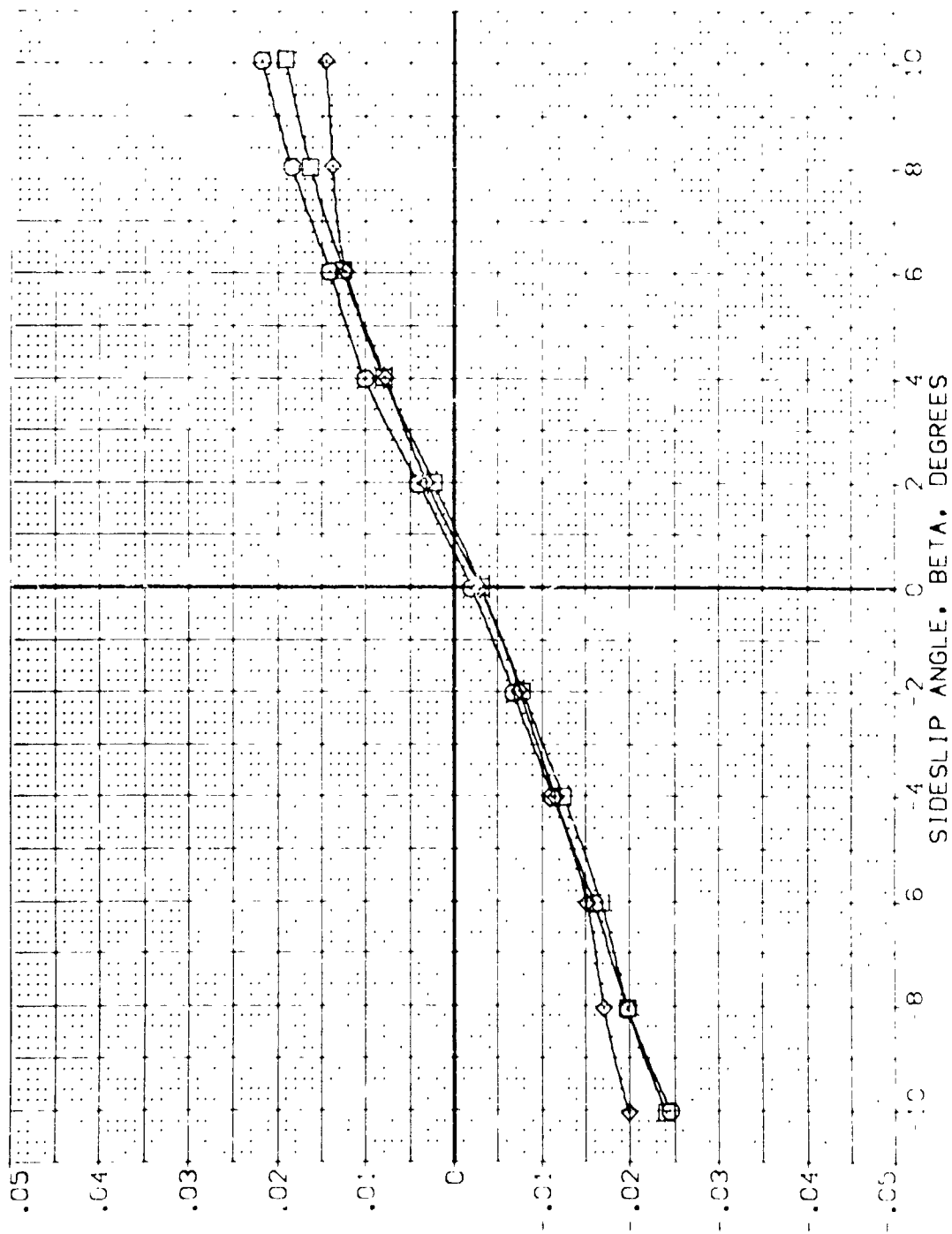


FIG 128 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST.,ALPHA =20
CARMAC. .20 PAGE 1274

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	RUDDER	SPDBRK	AIRLON	REFERENCE INFORMATION
(RD2233)	0A628 B26C9 M7E 8 V116E 28V165X9	20.000	.000	.000	.000	SREF 4.4119 SQ.FT.
(RD2434)	0A628 B26C9 M7E 8 V116E 28V165X9	20.000	.000	.000	.000	LREF 19.2299 INCHES
(RD2441)	0A628 B26C9 M7E 8 V116E 28V165X9	20.000	.000	.000	.000	BREF 37.9359 INCHES
						XMRP 43.5974 INCHES
						YMRP .0000 INCHES
						ZMRP 15.875 INCHES
						SCALE .0405

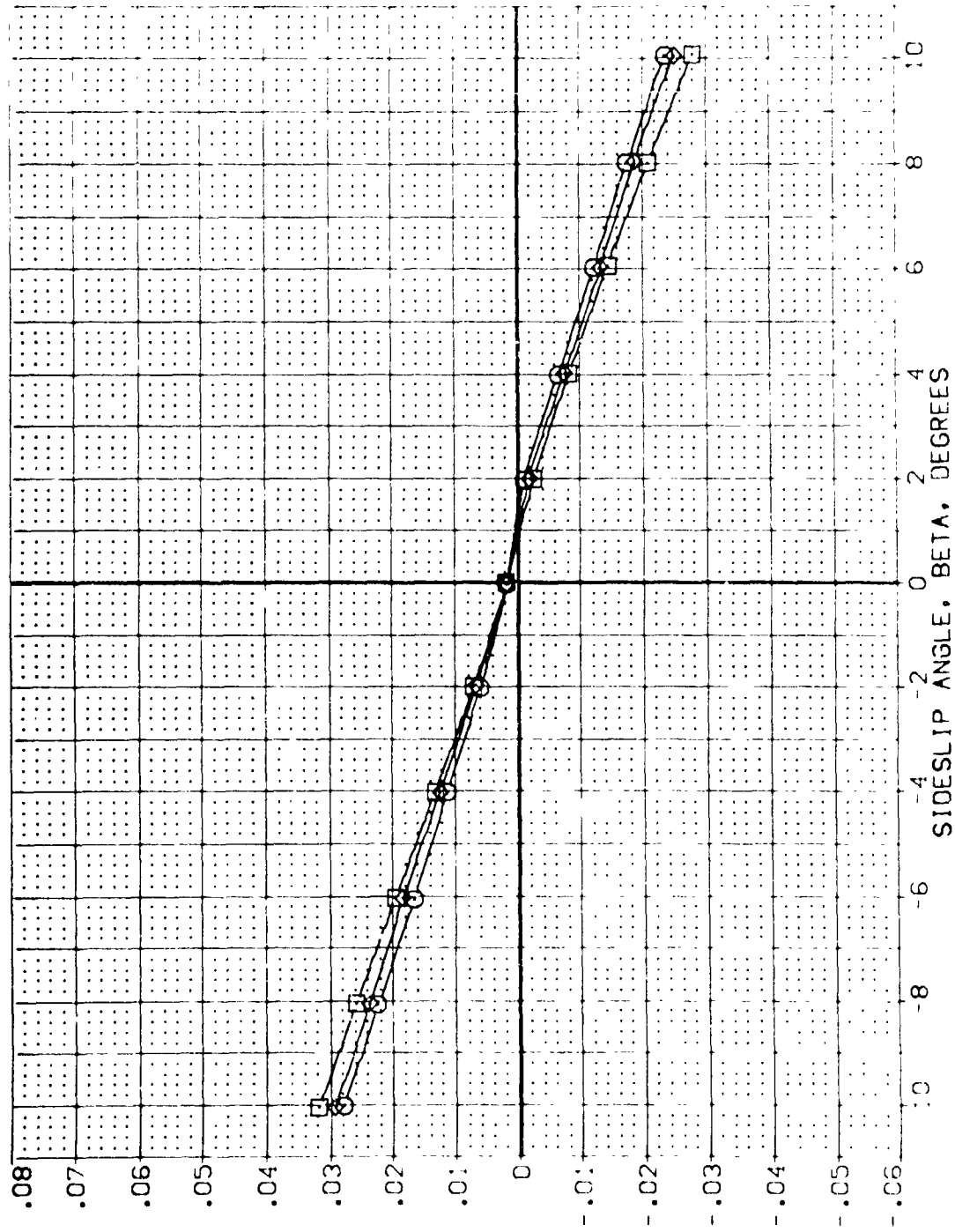


FIG 128 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 20
 CALMAC. .20
 PAGE 1275

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
[R02233]	04528 87609 M7E8 V116E28V805X9
[R02434]	04528 87609 M7E8 V116E28V1505X9
[R02441]	04679 87609 M7E8 V116E28V1765X9

REFERENCE INFORMATION

REFERENCE INFORMATION
SREF
REF
BRK
YREF
ZREF
SCALE

ALPHA

ALPHA
20.000
20.000
20.000

RUDER

RUDER
.000
.000
.000

SPDRK

SPDRK
.000
.000
.000

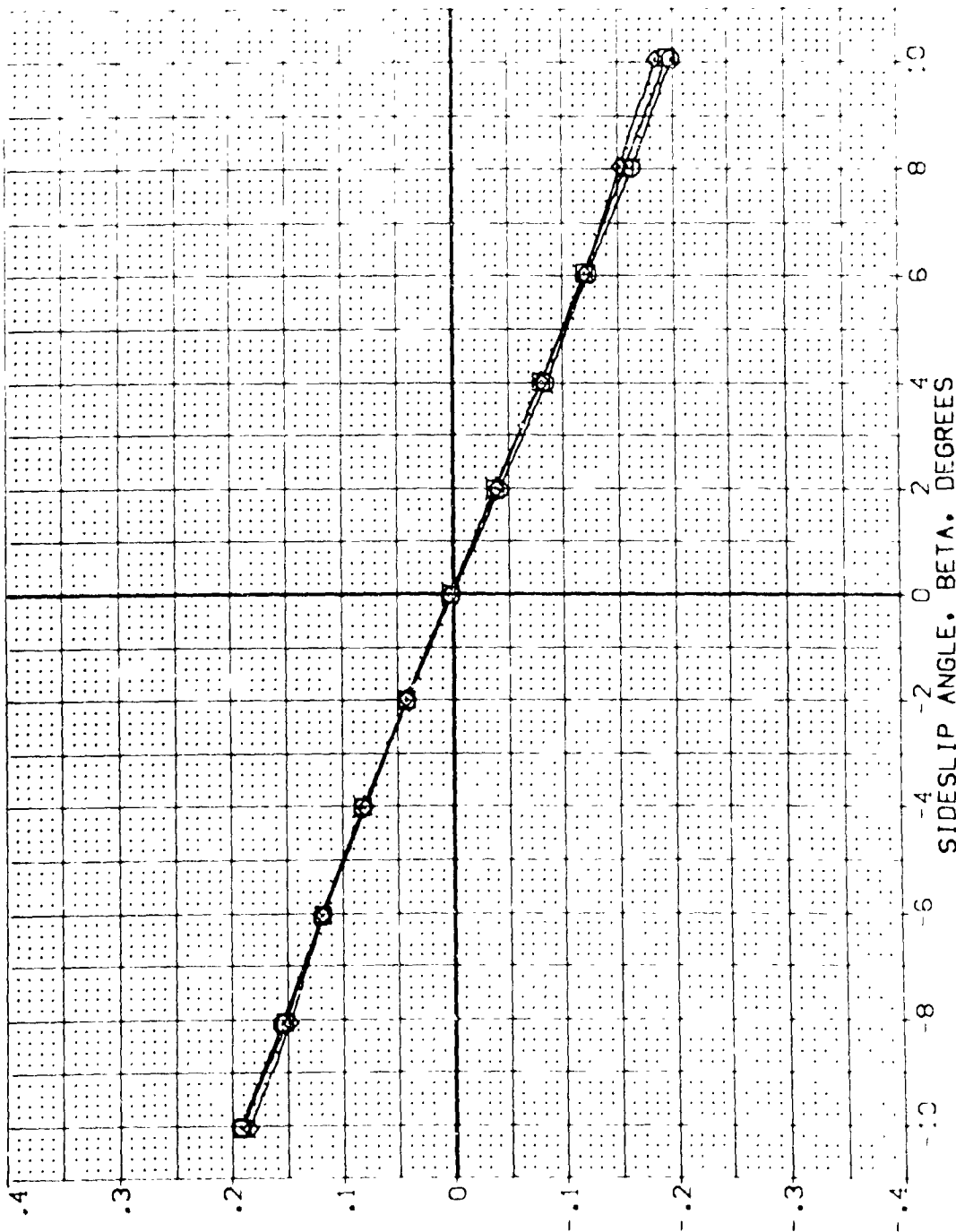


FIG 128 EFFECT OF VERTICAL TAIL STRAIGHT LE + CONTOUR ON LAT-DIR ST., ALPHA = 20

APPENDIX
TABULATED SOURCE DATA

Tabulations of plotted data are available on request from
Data Management Services.

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

PAGE 1

04628 9260901547F8 W116E28W85X9

(R02001) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA =
 ELEVEN =
 RUDDER =
 GP.FOS =

.000 BDFLAP = -12.000
 .000 AILRON = .000
 .000 SPDBRK = 25.000
 .285

PARAMETRIC DATA

RUN NO. 1/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.240	-30530	.07340	.05880	-30990	.05062	-.00080	.00280	.00600	.72100	.04518
.200	-2.120	-19190	.06460	.05580	-19410	.05745	-.00070	.00270	.00400	.75200	.04485
.200	-1.120	-13780	.06190	.05480	-13900	.05921	-.00050	.00260	.00300	.79700	.04453
.200	-.020	-08100	.05910	.05410	-08110	.05912	-.00040	.00270	.00200	.89700	.04457
.200	.980	-02810	.05720	.05250	-02710	.05777	-.00050	.00260	.00200	1.36300	.04417
.200	2.010	.02400	.05720	.05170	.02600	.05638	-.00050	.00270	.00100	-.07800	.04403
.200	4.130	.11160	.05760	.04910	.13540	.04890	-.00030	.00280	.00000	.51800	.04390
.200	6.210	.23790	.06300	.04560	.24330	.03690	-.00040	.00250	.00000	.58300	.04259
.200	8.340	.34810	.07300	.04180	.35800	.02172	-.00040	.00250	.00000	.60800	.04268
.200	10.400	.45220	.08380	.04000	.46780	.00571	-.00030	.00260	-.00200	.62900	.04287
.200	12.530	.56070	.11200	.03590	.57160	-.01225	.00000	.00230	-.00300	.62900	.04351
.200	14.620	.68390	.14710	.02790	.69890	-.03023	.00030	.00200	-.00600	.63700	.04476
.200	16.730	.81320	.19280	.01670	.83420	-.04940	.00020	.00180	-.00500	.64400	.04627
.200	18.830	.93270	.24600	.00290	.96220	-.06931	-.00010	.00140	-.00600	.64800	.04779
.200	20.960	1.04930	.32250	-.00160	1.09320	-.07429	.00080	.00140	-.02300	.65200	.05116
.200	23.050	1.13320	.41180	-.00440	1.20360	-.06565	.00050	-.00370	-.00400	.65300	.05635
.200	25.110	1.19540	.46940	.00470	1.27260	-.07603	.00260	.00060	-.01000	.65000	.06106
.200	27.160	1.22260	.52690	.01100	1.32830	-.08931	.00180	.00150	-.01100	.64900	.06399
.200	29.200	1.22730	.58060	.03240	1.35460	-.09270	.00110	.00070	-.01900	.64300	.06843
.200	31.170	1.17930	.61910	.06030	1.32550	-.08075	.00130	.00020	-.02000	.63900	.07910
GRADIENT		.03221	-.00189	-.00112	.05322	-.00032	.00005	.00000	-.00071	-.04340	-.00024

DATE 02 JUL 74

TABULATED SOURCE DATA - Q462B

PAGE 2

Q462B B26C9G15W7F8 W16E28V8R5X9

(R02002) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 13.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA =
ELEVON =
RUDDER =
GP.POS =

.000 BDFLAP = -12.000
5.000 AILRON = .000
.000 SPDRK = 25.000
.285

PARAMETRIC DATA

RUN NO. 2 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.170	-21010	.06850	.01720	-21450	.05301	-.00100	.00100	.00500	.60100	.04734
.200	-2.080	-109790	.06210	.01450	-10010	.05849	-.00090	.00090	.00400	.70500	.04763
.200	-1.020	-04220	.06000	.01320	-04330	.05926	-.00100	.00100	.00400	.76400	.04725
.200	.000	.01080	.06000	.01200	.01080	.06003	-.00090	.00100	.00400	.24500	.04659
.200	1.030	.06420	.05920	.01060	.06330	.05805	-.00080	.00110	.00200	.59200	.04607
.200	2.110	.11980	.06050	.00920	.12210	.05607	-.00090	.00090	.00200	.62400	.04613
.200	4.180	.22180	.06380	.00700	.22590	.04742	-.00090	.00110	.00100	.64000	.04513
.200	6.280	.33000	.07300	.00340	.33600	.03641	-.00090	.00120	.00000	.64800	.04422
.200	8.380	.43460	.08490	-.00090	.44230	.02072	-.00090	.00100	.00100	.65200	.04410
.200	10.480	.54470	.10490	-.00380	.55270	.00408	-.00110	.00080	.00000	.65400	.04485
.200	12.580	.65290	.13190	-.00760	.66590	-.01344	-.00090	.00040	.00000	.65600	.04516
.200	14.690	.77570	.16930	-.01520	.79340	-.03238	-.00050	-.00060	.00200	.65900	.04594
.200	16.800	.90360	.21950	-.02690	.92840	-.05102	-.00060	-.00090	.00200	.66200	.04826
.200	18.900	1.02440	.27670	-.03380	1.05880	-.07011	-.00060	-.00110	.00400	.66300	.04518
.200	21.020	1.13640	.35930	-.04240	1.18930	-.07175	-.00090	.00640	.02500	.66500	.05323
.200	23.090	1.20480	.44520	-.04270	1.26290	-.06302	.00140	-.00230	.00400	.66400	.05847
.200	25.150	1.24990	.50570	-.03120	1.34630	-.07349	.00170	-.00040	.00000	.66000	.06377
.200	27.220	1.28650	.56570	-.01950	1.40280	-.08555	.00160	.00110	.00200	.65700	.06792
.200	29.230	1.27020	.61110	.00590	1.40680	-.08718	.00100	.00860	.02200	.65000	.07712
.200	31.180	1.20430	.63940	.04010	1.36140	-.07684	.00090	.00880	.02400	.64100	.08473
GRADIENT	.05178	-.00052	-.00123	-.00123	.05280	-.00065	.00002	.00001	-.00050	-.01124	-.00010

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

04628 B26C9G15WTF8 W116E28WR5X9

(RD2003) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0455 GRAVE

BETA = .000 BDFLAP = -12.000
ELEVON = 10.000 ATLON = .000
RUDDER = .000 SPDGRK = 25.000
GP.POS = .285

PARAMETRIC DATA

RUN NO. 3 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.130	-1.11700	.06620	-.02360	-.12150	.05762	-.00060	.00330	.00400	.58000	.04931
.200	-2.520	-.00370	.06210	-.02610	-.00590	.06194	-.00050	.00330	.00200	-.97500	.04925
.200	-.960	.05210	.06130	-.02730	.05110	.06219	-.00030	.00330	.00200	.84900	.04894
.200	.060	.10490	.06250	-.02870	.10500	.06241	-.00040	.00330	.00100	.75200	.04833
.200	1.110	.16000	.06380	-.03010	.16120	.06368	-.00040	.00340	.00100	.72000	.04784
.200	2.160	.21270	.06560	-.03130	.21500	.06576	-.00040	.00330	.00000	.70500	.04806
.200	4.240	.31510	.07280	-.03400	.31960	.06934	-.00050	.00320	.00100	.69100	.04682
.200	6.360	.42420	.08440	-.03810	.43100	.07696	-.00060	.00290	.00000	.68400	.04529
.200	8.450	.52860	.10240	-.04160	.53770	.08267	-.00060	.00250	.00000	.68000	.04569
.200	10.530	.63790	.12320	-.04570	.64870	.08470	-.00050	.00310	.00000	.67500	.04616
.200	12.630	.74780	.15440	-.04910	.76350	-.01295	-.00030	.00250	-.00800	.67500	.04657
.200	14.740	.85870	.19290	-.05490	.87960	-.03197	.00000	.00180	-.00400	.67500	.04765
.200	16.840	.98440	.24600	-.06560	1.01350	-.04982	-.00020	.00140	-.00400	.67500	.04890
.200	18.960	1.11000	.31200	-.07240	1.14590	-.06942	.00010	.00490	-.00800	.67500	.05126
.200	21.060	1.21310	.39290	-.08030	1.27330	-.06946	.01140	.00960	-.00310	.67500	.05480
.200	23.140	1.27010	.48000	-.07610	1.35650	-.05786	.00090	.00000	-.00400	.67200	.05029
.200	25.210	1.30850	.54110	-.06130	1.41430	-.06778	.00120	.00150	-.01100	.66800	.06551
.200	27.240	1.32950	.59770	-.04700	1.45560	-.07727	.00140	.00230	-.01200	.66400	.06320
.200	29.250	1.31050	.64010	-.01800	1.45620	-.08188	.00150	.00370	-.02700	.65600	.07599
.200	31.200	1.22640	.66550	-.02480	1.39380	-.06607	.00030	.00770	-.02000	.64500	.08687
	GRADIENT	.05168	.00081	-.00125	.05275	-.00098	.00002	-.00001	-.00039	.08360	-.00031

QM628 B26C9G15W7F8 W16E28V8R5X9

(RDZ004) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000
GP.FOS = .285

PARAMETRIC DATA

RUN NO. 4 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.050	-.03620	.06600	-.05290	-.04080	.06333	-.00160	-.00630	.01100	.12100	.05108
.200	-1.950	.07530	.06540	-.06180	.07300	.06754	-.00180	-.00640	.01100	.96300	.05 69
.200	-.900	.12870	.06590	-.06290	.12760	.06802	-.00200	-.00650	.01100	.83300	.05003
.200	.130	.18310	.06760	-.06420	.18320	.06726	-.00190	-.00650	.01100	.78200	.05023
.200	1.180	.23590	.07060	-.06610	.23730	.06574	-.00200	-.00650	.01100	.75400	.04970
.200	2.230	.28850	.07370	-.06710	.29120	.06242	-.00200	-.00650	.01100	.73600	.04912
.200	4.300	.36840	.08300	-.06850	.33360	.05366	-.00210	-.00650	.01100	.71600	.04835
.200	6.400	.43530	.09710	-.07300	.53310	.04127	-.00 2	-.00680	.01000	.70500	.04727
.200	8.490	.59820	.11510	-.07630	.61870	.02547	-.00 1	-.00700	.01000	.69800	.04704
.200	10.600	.70950	.14150	-.08180	.72340	.00854	-.00200	-.00730	.01100	.69300	.04683
.200	12.710	.82670	.17640	-.08730	.84530	-.00975	-.0021	-.00800	.01000	.69000	.04768
.200	14.810	.93550	.21820	-.09110	.96020	-.02815	-.0018	-.00840	.00800	.68710	.04828
.200	16.910	1.05980	.27380	-.10320	1.09370	-.04645	-.0020	-.00810	.00800	.68500	.04973
.200	19.020	1.18110	.33780	-.10650	1.22670	-.06569	-.0018	-.00450	.00500	.68400	.05115
.200	21.110	1.26200	.44460	-.11460	1.33750	-.03395	-.00 1	-.00800	.00500	.68300	.05891
.200	23.180	1.32020	.51130	-.10350	1.41490	-.04978	.00 1	-.00730	.00200	.67900	.06260
.200	25.250	1.35250	.57110	-.08630	1.46690	-.06154	.00180	-.00530	-.00200	.67300	.06736
.200	27.270	1.37640	.63190	-.06930	1.51290	-.06321	.00310	-.00400	-.001200	.66900	.07315
.200	29.260	1.31810	.65620	-.02740	1.47070	-.07103	.00290	.00270	-.003500	.65900	.08037
.200	31.230	1.23850	.68170	.00120	1.41250	-.05924	.00170	.00650	-.002700	.64800	.09137
GRADIENT		.05091	.00203	-.00119	.05203	-.00018	-.00005	-.00003	-.00000	.04229	-.00033

04628 B26C9C15H7F8 W16E28V8R5X9

(RDZ005) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.F. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA =
ELEVON =
RUDDER =
GP.POS =

.000 BOFLAP = -12.000
-5.000 ALLCON = .000
.000 SPDPRK = 25.000
.285

PARAMETRIC DATA

RUN NO. 5 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.340	.08620	.11530	-.44100	.03294	-.00020	.00370	.00500	.74800	.04261
.200	-2.270	.07360	.11100	-.32260	.06109	-.00030	.00330	.00500	.77800	.04181
.200	-1.180	.06830	.10950	-.26280	.06289	-.00030	.00320	.00500	.80500	.04231
.200	-.150	.06460	.10870	-.20700	.06407	-.00020	.00290	.00500	.84500	.04224
.200	.880	.06130	.10810	-.15280	.06375	-.00020	.00280	.00500	.91200	.04199
.200	1.930	.05800	.10620	-.09490	.06132	-.00030	.00280	.00500	1.06300	.04168
.200	4.120	.05571	.10420	.01310	.05493	-.00010	.00270	.00500	-2.25500	.04092
.200	6.130	.05740	.10250	.12260	.04456	-.00020	.00280	.00500	.34400	.04038
.200	8.270	.06310	.09910	.23200	.03113	-.00010	.00270	.00500	.49500	.04014
.200	10.290	.07390	.09720	.33260	.01474	-.00020	.00260	.00500	.54400	.04034
.200	12.470	.09500	.09440	.45200	-.00267	.00000	.00260	.00500	.57500	.04142
.200	14.540	.12340	.08630	.57130	-.02171	.00040	.00240	.00500	.59600	.04259
.200	16.600	.16360	.07610	.70540	-.03982	.00010	.00250	.00500	.62300	.04452
.200	18.980	.22300	.06560	.85280	-.06078	.00010	.00380	.00500	.60600	.04669
.200	20.910	.28790	.05570	.98300	-.06745	.00710	.00300	.00500	.61000	.04849
.200	22.960	.37070	.04900	1.09160	-.05985	.00000	.00050	.00500	.63500	.05277
.200	25.050	.43100	.03900	1.17610	-.07418	.00000	.00000	.00500	.65500	.05697
.200	27.100	.48630	.06100	1.23630	-.08668	.00250	.00170	.00500	.67400	.06141
.200	29.140	.54100	.07180	1.27490	-.09132	.00100	.00520	.00500	.69100	.06612
.200	31.100	.58830	.09180	1.27400	-.09152	.00080	.00880	.00500	.69500	.07362
.200	.05315	-.00364	-.00126	.426	.00014	.00001	-.00019	.00066	-.25804	-.00017



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TABULATED SOURCE DATA - 04628

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04628 B26C9G15W7F8 W16E28W8R5X9

(R02706) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0475 SCALE

BETA = .0000 BDFLAP = -12.000
 ELEVON = -10.000 AILRON = .000
 RUDDER = .0000 SPDRK = 25.000
 GP.POS = .285

PARAMETRIC DATA

RUN NO. 6/ 5 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.420	-1.54030	.10040	.16120	-.54650	.05841	-.00060	-.00240	.00700	.76000	.04014
.200	-2.310	-1.42470	.08420	.15110	-.42770	.06703	-.00070	.00200	.00600	.78700	.04019
.200	-1.250	-1.37090	.07790	.15620	-.37250	.06975	-.00070	.00190	.00500	.80600	.04055
.200	-.210	-1.31530	.07170	.15510	-.31560	.07059	-.00060	.00170	.00400	.83300	.04052
.200	.810	-.26000	.06660	.15310	-.25930	.07034	-.00070	.00160	.00400	.86900	.03967
.200	1.900	-.20520	.06270	.15280	-.20300	.06952	-.00070	.00150	.00300	.92900	.04030
.200	3.040	-.09990	.05690	.14930	-.09580	.06370	-.00060	.00150	.00200	1.22800	.03836
.200	6.130	.00470	.05500	.14500	.11050	.05419	-.00060	.00150	.00000	-4.56800	.03416
.200	8.210	.11340	.05660	.14610	.12040	.03982	-.00050	.00150	.00000	.20500	.03416
.200	10.210	.21280	.06480	.14510	.22190	.02610	-.00030	.00170	-.00200	.40800	.03814
.200	12.330	.32200	.08070	.14470	.33180	.01007	-.00020	.00150	-.00200	.41100	.02961
.200	14.470	.44240	.10640	.13720	.45530	-.00778	-.00010	.00130	-.00400	.54100	.04173
.200	16.550	.57160	.14150	.12630	.58730	-.02694	-.00010	.00120	-.00300	.57200	.04269
.200	18.690	.70050	.18520	.11760	.72420	-.04524	-.00020	.00280	-.00400	.59200	.04442
.200	20.790	.82030	.24230	.11130	.85230	-.06465	-.00040	.00340	-.00600	.60400	.04630
.200	22.890	.92050	.31240	.09870	.98090	-.08219	-.00040	.00370	-.00200	.61500	.05105
.200	24.930	1.00130	.39320	.09260	1.10730	-.09690	-.00010	.00300	-.00100	.61800	.05412
.200	27.050	1.05590	.44950	.09320	1.14490	-.07988	-.00030	.00380	-.00100	.61800	.05801
.200	29.080	1.07590	.50190	.11070	1.18420	-.08432	-.00030	.00190	-.00000	.61700	.06119
.200	31.090	1.07240	.55790	.12710	1.21680	-.07614	.00170	.00440	-.00000	.61300	.07112
.200	GRADIENT	.05263	-.00520	-.00128	.05387	.00062	-.00000	-.00011	-.00062	.05039	-.00014

REFERENCE DATA

SEEF = 4.4119 SQ.FT. WGRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YGRP = .0000 INCHES
DEEF = 37.9359 INCHES ZGRP = 15.1875 INCHES
SEEF = .0405 SCALE

BETA =
ELEVON =
SUCCER =
GE, POS =

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      .000      BDFLAP = -12.000
     -15.000      AILRON = .000
      .000      SPDGRK = 25.000
      .285

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PARAMETRIC DATA

EIN NO	7/1	EN/L	=	1.42	GRACIENT INTERVAL	=	-6.00/	5.00
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ALPHA	CL	CSF	CLM	CN	CAP	CYN	CP1	CY	XCP/L	CAB
-4.480	-63019	11720	22010	-63740	06700	00000	00480	00700	76700	03864
-2.350	-51490	09793	19650	-51850	07670	-00010	00390	00600	74100	03952
-1.310	-46310	08963	18660	-46600	07993	-00010	00360	00600	80700	03997
-0.290	-41740	08133	17670	-41920	08099	-00030	00330	00500	82610	03946
1.750	-36440	07303	16680	-36740	08164	-00020	00300	00400	85300	03935
1.830	-31270	06473	15690	-29760	08270	-00040	00270	00300	88900	03816
3.690	-26100	05643	14700	-18930	08380	-00040	00240	00200	102100	03743
6.220	-20930	04813	13710	-12430	08490	-00040	00210	00100	147200	03675
8.770	-15760	03983	12720	-6060	08593	-00040	00180	00000	-21460	03663
11.370	-10590	03153	11730	12400	08700	-00030	00150	00000	10170	03738
12.260	-5420	02323	10740	23060	08806	-00020	00120	00000	16600	03809
14.160	33720	01493	09750	35100	08910	-00010	00090	00000	23000	03880
16.460	45540	00663	08760	44020	09013	00000	00060	00000	29400	03954
19.620	59310	00000	07770	61430	09116	00000	00030	00000	35800	04019
21.690	71100	00000	06780	74240	09219	00000	00000	00000	42200	04068
22.820	81930	00000	05790	87110	09322	00000	00000	00000	48600	04119
24.690	92650	00000	04800	97110	09425	00000	00000	00000	55000	04169
26.950	96250	00000	03810	104530	09528	00000	00000	00000	61400	04219
29.770	99360	00000	02820	11230	09631	00000	00000	00000	67800	04268
31.840	100760	00000	01830	11950	09734	00000	00000	00000	74200	04319
34.030	102990	00000	00840	12532	09837	00000	00000	00000	80600	04369
36.340	105290	00000	00000	13012	09940	00000	00000	00000	87000	04419
38.670	107690	00000	00000	13452	10043	00000	00000	00000	93400	04469
41.020	110190	00000	00000	13852	10146	00000	00000	00000	99800	04519
43.390	112790	00000	00000	14230	10249	00000	00000	00000	106200	04569
45.780	115490	00000	00000	14580	10352	00000	00000	00000	114600	04619
48.190	118290	00000	00000	14900	10455	00000	00000	00000	123000	04669
50.620	121190	00000	00000	15200	10558	00000	00000	00000	131400	04719
53.070	124190	00000	00000	15480	10661	00000	00000	00000	140000	04769
55.540	127290	00000	00000	15740	10764	00000	00000	00000	148600	04819
58.030	130490	00000	00000	16000	10867	00000	00000	00000	157200	04869
60.540	133790	00000	00000	16240	10970	00000	00000	00000	165800	04919
63.070	137190	00000	00000	16470	11073	00000	00000	00000	174400	04969
65.620	140690	00000	00000	16690	11176	00000	00000	00000	183000	05019
68.190	144290	00000	00000	16900	11279	00000	00000	00000	191600	05069
70.780	147990	00000	00000	17100	11382	00000	00000	00000	200200	05119
73.390	151690	00000	00000	17290	11485	00000	00000	00000	208800	05169
76.020	155490	00000	00000	17470	11588	00000	00000	00000	217400	05219
78.670	159290	00000	00000	17640	11691	00000	00000	00000	226000	05269
81.340	163190	00000	00000	17800	11794	00000	00000	00000	234600	05319
84.030	167190	00000	00000	17950	11897	00000	00000	00000	243200	05369
86.740	171190	00000	00000	18100	11999	00000	00000	00000	251800	05419
89.470	175290	00000	00000	18240	12102	00000	00000	00000	260400	05469
92.220	179490	00000	00000	18370	12205	00000	00000	00000	269000	05519
95.000	183690	00000	00000	18500	12308	00000	00000	00000	277600	05569
97.800	187990	00000	00000	18620	12411	00000	00000	00000	286200	05619
100.620	192290	00000	00000	18740	12514	00000	00000	00000	294800	05669
103.460	196690	00000	00000	18860	12617	00000	00000	00000	303400	05719
106.320	201190	00000	00000	18970	12720	00000	00000	00000	312000	05769
109.200	205790	00000	00000	19080	12823	00000	00000	00000	320600	05819
112.100	210390	00000	00000	19190	12926	00000	00000	00000	329200	05869
115.020	215090	00000	00000	19300	13029	00000	00000	00000	337800	05919
117.960	219790	00000	00000	19410	13132	00000	00000	00000	346400	05969
120.920	224590	00000	00000	19520	13235	00000	00000	00000	355000	06019
123.900	229390	00000	00000	19630	13338	00000	00000	00000	363600	06069
126.900	234190	00000	00000	19740	13441	00000	00000	00000	372200	06119
129.920	239090	00000	00000	19850	13544	00000	00000	00000	380800	06169
132.960	243890	00000	00000	19960	13647	00000	00000	00000	389400	06219
136.020	248790	00000	00000	20070	13750	00000	00000	00000	398000	06269
139.100	253690	00000	00000	20180	13853	00000	00000	00000	406600	06319
142.200	258590	00000	00000	20290	13956	00000	00000	00000	415200	06369
145.320	263590	00000	00000	20400	14059	00000	00000	00000	423800	06419
148.460	268590	00000	00000	20510	14162	00000	00000	00000	432400	06469
151.620	273590	00000	00000	20620	14265	00000	00000	00000	441000	06519
154.800	278590	00000	00000	20730	14368	00000	00000	00000	449600	06569
158.000	283590	00000	00000	20840	14471	00000	00000	00000	458200	06619
161.220	288590	00000	00000	20950	14574	00000	00000	00000	466800	06669
164.460	293590	00000	00000	21060	14677	00000	00000	00000	475400	06719
167.720	298590	00000	00000	21170	14780	00000	00000	00000	484000	06769
171.000	303590	00000	00000	21280	14883	00000	00000	00000	492600	06819
174.300	308590	00000	00000	21390	14986	00000	00000	00000	501200	06869
177.620	313590	00000	00000	21500	15089	00000	00000	00000	509800	06919
180.960	318590	00000	00000	21610	15192	00000	00000	00000	518400	06969
184.320	323590	00000	00000	21720	15295	00000	00000	00000	527000	07019
187.700	328590	00000	00000	21830	15398	00000	00000	00000	535600	07069
191.100	333590	00000	00000	21940	15501	00000	00000	00000	544200	07119
194.520	338590	00000	00000	22050	15604	00000	00000	00000	552800	07169
198.960	343590	00000	00000	22160	15707	00000	00000	00000	561400	07219
203.420	348590	00000	00000	22270	15810	00000	00000	00000	570000	07269
207.900	353590	00000	00000	22380	15913	00000	00000	00000	578600	07319
212.400	358590	00000	00000	22490	16016	00000	00000	00000	587200	07369
216.920	363590	00000	00000	22600	16119	00000	00000	00000	595800	07419
221.460	368590	00000	00000	22710	16222	00000	00000	00000	604400	07469
226.020	373590	00000	00000	22820	16325	00000	00000	00000	613000	07519
230.600	378590	00000	00000	22930	16428	00000	00000	00000	621600	07569
235.200	383590	00000	00000	23040	16531	00000	00000	00000	630200	07619
239.820	388590	00000	00000	23150	16634	00000	00000	00000	638800	07669
244.460	393590	00000	00000	23260	16737	00000	00000	00000	647400	07719
249.120	398590	00000	00000	23370	16840	00000	00000	00000	656000	07769
253.800	403590	00000	00000	23480	16943	00000	00000	00000	664600	07819
258.500	408590	00000	00000	23590	17046	00000	00000	00000	673200	07869
263.220	413590	00000	00000	23700	17149	00000	00000	00000	681800	07919
267.960	418590	00000	00000	23810	17252	00000	00000	00000	690400	07969
272.720	423590	00000	00000	23920	17355	00000	00000	00000	699000	08019
277.500	428590	00000	00000	24030	17458	00000	00000	00000	707600	08069
282.300	433590	00000	00000	24140	17561	00000	00000	00000	716200	08119
287.120	438590	00000	00000	24250	17664	00000	00000	00000	724800	08169
291.960	443590	00000	00000	24360	17767	00000	00000	00000	733400	08219
296.820	448590	00000	00000	24470	17870	00000	00000	00000	742000	08269
301.700	453590	00000	00000	24580	17973	00000	00000	00000	750600	08319
306.600	458590	00000	00000	24690	18076	00000	00000	00000	759200	08369
311.520	463590	00000	00000	24800	18179	00000	00000	00000	767800	08419
316.460	468590	00000	00000	24910	18282	00000	00000	00000	776400	08469
321.420	473590	00000	00000	25020	18385	00000	00000	00000	785000	08519
326.400	478590	00000	00000	25130	18488	00000	00000	00000	793600	08569
331.400										

DATE 02 JUL 74

TABULATED SOURCE DATA - 0A628

PAGE 8

0A628 B26C9G15W7F8 W116E28W8R5X9

(RDZ008) (07 JUN 74)

REFERENCE DATA

SKEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = 10000 INCHES
BREF = 37.359 INCHES ZMRP = 15.1875 INCHES
SCALE = 1.405 SCALE

BETA = .000
ELEMW = -20.000
RUDER = .000
GP.FOS = .285

BDFLAP = -12.000
AILRON = .000
SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 8 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

WACH	ALPHA	CL	CNF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.20	-4.550	-69570	.13850	.23050	-70450	.08294	-1.00060	.00080	.00900	.77200	.03808
.20	-2.450	-58490	.11700	.22710	-58930	.09191	-1.00180	.00180	.00700	.79300	.03806
.20	-1.400	-53800	.10310	.22920	-54050	.09593	-1.00080	.00200	.00700	.80800	.03831
.20	-.240	-46270	.11120	.22750	-45330	.09735	-1.00070	.00190	.00600	.82500	.03804
.20	.690	-43460	.09240	.22850	-43350	.09767	-1.00100	.00170	.00500	.84600	.03783
.20	1.710	-38080	.07420	.22550	-37810	.09827	-1.00110	.00160	.00400	.87200	.03785
.20	3.420	-27710	.06670	.22550	-27150	.09254	-1.00110	.00150	.00300	.95700	.03706
.20	5.910	-17630	.06670	.22430	-15650	.08451	-1.00110	.00100	.00200	1.14200	.03512
.20	7.860	-10120	.06470	.22290	-10660	.07290	-1.00100	.00080	.00100	1.87800	.03553
.20	10.050	.22300	.06400	.22550	.03320	.05310	-1.00110	.00030	.00100	-1.45500	.03640
.20	12.160	.12200	.07120	.22850	.13430	.04393	-1.00110	.00120	.00100	.02600	.03729
.20	14.270	.23190	.08560	.22760	.24660	.02872	-1.00060	.00040	.00200	.31200	.03338
.20	16.380	.35160	.11500	.22300	.36980	.01145	-1.00020	.00030	.00400	.43200	.04109
.20	18.470	.46610	.15000	.21450	.48970	-0.01549	-1.00000	.00010	.00500	.49000	.04239
.20	20.610	.58480	.19550	.20870	.62700	-0.02245	-1.00000	.00000	.00600	.52400	.04440
.20	22.700	.70210	.24130	.19830	.75250	-0.02750	-1.00020	.00010	.00700	.55500	.04655
.20	24.800	.76720	.32430	.18970	.85160	-0.03004	-1.00100	.00000	.00800	.56600	.05154
.20	26.960	.85600	.37960	.19250	.93510	-0.04984	-1.00300	.00020	.00900	.57600	.05443
.20	28.940	.90560	.43710	.19990	1.01400	-0.05579	-1.00160	.00020	.01000	.58100	.05787
.20	30.860	.92240	.49330	.19740	1.04470	-0.05150	-1.00000	.00000	.01300	.58200	.06490
.20	0A628W	.04958	-0.0568	-0.0153	.05517	.05002	-1.00003	-0.00014	-0.00061	.03090	-0.00019

DATE JUL 74 TABULATED SOURCE DATA - QM62B

(R07009) (07 JUN 74)

QM62B 826C061547F8 4016E2808R5X9

PARAMETRIC DATA

BETA = .000 BDFAP = -12.000
ELEVON = -30.000 AILRON = .000
RUDDER = .000 SPDRK = 25.000
GP.POS = .285

REFERENCE DATA

SREF = 4.4119 SQ.F.T. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 9/5 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.520	-73200	.16900	.24380	-74310	.11074	-.00080	.00500	.01100	.77200	.04061
.200	-2.420	-61100	.14600	.23380	-61670	.12005	-.00100	.00270	.00700	.79200	.04156
.200	-1.370	-56460	.13840	.23820	-56780	.12485	-.00140	.00170	.00800	.81600	.04153
.200	-.340	-51270	.12960	.23760	-51350	.12660	-.00140	.00130	.00700	.82200	.04048
.200	.680	-46880	.12300	.24030	-46730	.12872	-.00120	.00160	.00600	.84100	.04051
.200	1.730	-41760	.11560	.23900	-41390	.12822	-.00120	.00150	.00600	.86400	.04009
.200	3.830	-32040	.10360	.23880	-31280	.12479	-.00190	.00220	.00600	.93300	.03862
.200	5.910	-21940	.09400	.23740	-20850	.11620	-.00100	.00170	.00400	1.07000	.03777
.200	7.980	-12230	.08870	.23880	-11940	.10297	-.00080	.00120	.00200	1.45500	.03716
.200	10.080	-02640	.08600	.24220	-01060	.09134	-.00100	.00130	.00200	9.04500	.03763
.200	12.150	.05590	.08920	.24870	.07340	.07550	.00000	.00220	.00300	-.59100	.03756
.200	14.270	.15370	.10170	.25310	.17400	.06875	.00050	.00280	.00300	.11700	.03900
.200	16.330	.24750	.12300	.25650	.27140	.04588	.00020	.00170	.00400	.30400	.04081
.200	18.400	.32310	.14300	.26120	.35180	.03369	.00030	.00130	.00200	.37200	.04495
.200	20.530	.42150	.17780	.27000	.45710	.01873	.00050	.00270	.00600	.43400	.04441
.200	22.620	.51710	.23210	.27420	.56660	.01532	.00060	.00190	.00500	.47400	.04692
.200	24.700	.60140	.27970	.27230	.66330	.00268	.00070	.00140	.00600	.50000	.04893
.200	26.760	.67970	.33050	.26710	.75570	-.01104	.00050	.00050	.00900	.52200	.05310
.200	28.860	.74440	.38880	.25980	.83970	-.01878	.00030	.00030	.01100	.53700	.05683
.200	30.910	.79330	.44680	.25720	.91010	-.02416	.00020	.00070	.01200	.54800	.06274
.200	GRADIENT	.04828	-.00703	-.00026	.05139	.00050	.00000	-.00022	-.00054	.02701	-.00029

(RDZD10) (07 JUN 74)

Q4628 B26C9615H7F8 W16E28V8R5X9

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -40.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000
GP.POS = .285

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 10/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00, 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.205	-4.610	-7.9360	.20440	.26270	-.80760	.13961	-.00110	.00450	.01400	.77100	.04222
.200	-2.540	-.68480	.17940	.25960	-.69210	.14892	-.00120	.00510	.01100	.79000	.04128
.200	-1.470	-.62930	.16790	.25720	-.63340	.15170	-.00100	.00510	.01000	.80100	.04171
.200	-.440	-.57140	.15620	.25340	-.57260	.15183	-.00110	.00480	.01000	.81500	.04149
.200	.590	-.51630	.14640	.25040	-.51470	.15185	-.00120	.00450	.00900	.83100	.04196
.200	1.650	-.45580	.13720	.24540	-.45160	.15036	-.00120	.00430	.00800	.85200	.04162
.200	3.840	-.34090	.12140	.24340	-.33200	.14399	-.00110	.00470	.00750	.01800	.04113
.200	5.860	-.24230	.11310	.23910	-.22950	.13734	-.00090	.00510	.00600	1.03500	.04203
.200	8.710	-.14230	.10730	.24320	-.12590	.12617	-.00090	.00490	.00300	1.35300	.03980
.200	10.660	-.04310	.10560	.24120	-.02990	.11261	-.00090	.00490	.00200	3.61400	.03989
.200	12.120	.05040	.11230	.24160	.07280	.09327	-.00090	.00540	.00000	-.57800	.03932
.200	14.220	.15620	.12690	.24270	.18260	.08467	.00000	.00440	-.00200	.16300	.03834
.200	16.310	.25670	.14810	.24840	.28800	.07500	.00160	.00520	-.00900	.33700	.04021
.200	18.410	.34960	.17440	.24820	.38620	.05504	.00270	.00690	-.01200	.41600	.04221
.200	20.510	.44010	.21620	.25360	.48900	.04825	.00280	.00730	-.01300	.48000	.04594
.200	22.660	.49930	.25880	.27250	.56740	.04740	.00000	.00190	-.00800	.47500	.04972
.200	24.640	.55820	.29140	.27420	.62890	.03203	.00060	.00050	-.00800	.49100	.05119
.200	26.710	.60690	.33860	.27940	.71230	.02065	.00300	-.00080	-.01100	.50700	.05426
.200	28.760	.64950	.36270	.28990	.74390	.00536	.00480	-.00840	-.00900	.50800	.05750
.200	30.810	.72280	.40230	.28730	.82690	-.02476	.00710	-.00620	-.01100	.52400	.06278
.200		.05327	-.01378	-.00253	.05561	-.00048	.00005	.00001	-.00071	.02382	-.00017

GRADIENT

DATE 02 JUL 74

TABULATED SOURCE DATA - CM62B

PAGE 11

CM62B B26C9615W7F8 W116E28V8R5X9

(R02011) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA =
 ELEVEN =
 RUDDER =
 GP.POS =

.0000 BDFLAP = -12.000
 -40.000 AIRRON = .000
 .000 SPDRBK = 25.000
 .178

PARAMETRIC DATA

RUN NO. 11/ 0 RV/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	COF	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.680	-1.8340	.22300	.29170	-.86880	.15261	-.00180	.00600	.01500	.77500	-.04498
.200	-2.590	-.72740	.19250	.28930	-.73630	.15944	-.00540	.00580	.01200	.79600	-.04760
.200	-1.500	-.66000	.17710	.28450	-.66440	.15976	-.00140	.00540	.01100	.80900	-.04786
.200	-.440	-.59400	.16560	.27980	-.59520	.16110	-.00150	.00520	.01000	.82500	-.04706
.200	.590	-.52960	.15350	.27450	-.52870	.15904	-.00150	.00490	.00900	.84300	-.04670
.200	1.650	-.46680	.14240	.26920	-.46250	.15587	-.00150	.00490	.00800	.86600	-.04679
.200	3.760	-.34790	.12740	.26010	-.33880	.15107	-.00120	.00540	.00700	.93400	-.04531
.200	5.830	-.24180	.11720	.25630	-.22870	.14125	-.00090	.00570	.00500	1.06400	-.04408
.200	7.960	-.13800	.11220	.25590	-.12120	.13133	-.00100	.00510	.00300	1.42900	-.04308
.200	10.050	-.03680	.11140	.25650	-.01670	.11611	-.00110	.00530	.00100	6.27100	-.04339
.200	12.130	.06600	.11710	.26350	.08810	.10031	-.00100	.00580	.00000	-.40300	-.04213
.200	14.250	.17870	.13400	.26130	.20820	.08587	.00000	.00450	-.00200	.20300	-.04264
.200	16.330	.27320	.15440	.25230	.30570	.07139	.00140	.00500	-.00200	.34500	-.04392
.200	18.450	.36650	.18150	.25610	.40510	.05615	.00200	.00600	-.00100	.41900	-.04747
.200	20.530	.43760	.22340	.26970	.48820	.05568	.00080	.00600	-.00700	.44900	-.05137
.200	22.600	.50530	.26480	.27850	.56820	.05005	.00110	-.00080	-.00700	.47100	-.05409
.200	24.690	.56960	.30210	.28980	.64370	.03653	.00120	-.00490	-.00700	.48600	-.05677
.200	26.740	.61640	.34200	.28800	.70440	.02810	.00270	-.00800	-.00800	.50100	-.06017
.200	28.850	.68920	.37910	.28000	.78600	-.00063	.00610	-.00770	-.01000	.52100	-.06328
.200	30.880	.77240	.42590	.27140	.88150	-.03102	.00680	-.00610	-.01000	.53800	-.06918
.200	GRADIENT	.05872	-.01005	-.00379	.06141	-.00129	.00007	-.00004	-.00090	.02595	-.00044

OM62B B26C9615M7F8 J116E28V8R5Y9

(RDZ012) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = -30.000 AILRON = .000
RUDDER = .000 SFDGRK = 25.000
GP.POS = .178

RUN NO. 12/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.660	-.81050	.18700	.27640	-.82300	.12042	-.00180	.00170	.01100	.77500	.04328
.200	-2.550	-.66470	.16080	.27720	-.69120	.13019	-.00170	.00060	.00000	.79900	.04325
.200	-1.350	-.63440	.15200	.27960	-.63830	.13473	-.00180	.00120	.00800	.81300	.04355
.200	-.460	-.57100	.14750	.27670	-.57210	.13595	-.00180	.00130	.00800	.83000	.04263
.200	.600	-.51590	.13140	.27680	-.51450	.13694	-.00170	.00160	.00700	.85000	.04294
.200	1.630	-.45970	.12240	.27350	-.41600	.13558	-.00160	.00180	.00700	.87200	.04147
.200	3.740	-.35480	.10920	.27260	-.34690	.13214	-.00130	.00230	.00600	.94100	.03989
.200	5.820	-.25640	.09700	.27160	-.24520	.12257	-.00100	.00280	.00400	1.05800	.03771
.200	7.920	-.16020	.08860	.27130	-.14650	.10988	-.00030	.00260	.00000	1.33500	.03821
.200	10.020	-.05800	.08670	.27130	-.04200	.09556	-.00010	.00290	-.00400	3.02500	.03859
.200	12.120	.04720	.09210	.27070	.06530	.08016	.00010	.00430	-.00600	-.87100	.03948
.200	14.220	.16420	.10780	.26690	.18550	.06418	.00050	.00320	-.00600	.12200	.04087
.200	16.330	.26880	.13010	.26600	.29460	.04929	.00120	.00260	-.00800	.31900	.04288
.200	18.480	.36220	.16160	.26140	.41370	.03208	.00170	.00480	-.01000	.41900	.04503
.200	20.560	.47500	.20550	.26450	.51690	.02553	.00150	.00750	-.01100	.46300	.04731
.200	22.630	.56410	.25460	.26580	.61860	.01802	.00070	.00900	-.00800	.49400	.04920
.200	24.720	.64540	.29990	.26350	.71170	.00251	.00100	.01330	-.00900	.51500	.05206
.200	26.790	.73060	.35470	.25570	.81210	-.01272	.00310	.00180	-.01000	.53600	.05676
.200	28.890	.79820	.41690	.24560	.90030	-.02362	.00430	.00270	-.01100	.55100	.06112
.200	30.950	.84940	.47550	.23860	.97310	-.02908	.00630	.00230	-.01400	.56100	.06707
.200	GRADIENT	.05277	-.00845	-.00071	.05503	.00012	.00008	.00016	-.00056	.02582	-.00055

(RDZ013) (07 JUN 74)

04628 B26C9615M7F8 W116E28V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 SREF = 37.9359 INCHES YMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.0000
 ELEVON = -20.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .178

RUN NO. 13/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.610	-.77080	.15360	.26170	-.78070	.09121	-.00090	.00140	.01000	.77500	.04160
.200	-2.500	-.64740	.12960	.26250	-.65250	.10124	-.00090	.00120	.00900	.80000	.04077
.200	-1.440	-.59370	.11980	.26460	-.59550	.10485	-.00100	.00170	.00800	.81500	.04092
.200	-.370	-.57020	.10870	.26110	-.53590	.10520	-.00100	.00200	.00700	.83000	.04011
.200	.650	-.47580	.10030	.26090	-.47460	.10580	-.00100	.00200	.00600	.85400	.04034
.200	1.710	-.41250	.09210	.25630	-.40960	.10442	-.00110	.01170	.00600	.88200	.03947
.200	3.800	-.29950	.07920	.25180	-.29360	.09973	-.00100	.00160	.00500	.96700	.03870
.200	5.910	-.18990	.07020	.24840	-.18170	.08942	-.00090	.00140	.00300	1.15500	.03767
.200	8.010	-.07950	.06650	.24480	-.06840	.07695	-.00070	.00140	.00200	1.94800	.03737
.200	10.100	.02520	.06760	.24480	.03660	.06217	-.00060	.00160	.00000	-1.80300	.03849
.200	12.220	.13480	.07640	.24280	.14790	.04614	-.00050	.00240	-.00100	.04800	.03939
.200	14.330	.26300	.08540	.23280	.27860	.02798	-.00030	.00000	-.00300	.34400	.04091
.200	16.420	.38450	.12000	.22230	.40420	.01115	.00030	.00150	-.00300	.44300	.04192
.200	18.570	.51610	.16530	.21050	.54190	-.00770	.00070	.00420	-.00600	.50900	.04418
.200	20.690	.64030	.22660	.19850	.67310	-.01425	.00000	.00230	-.00500	.54400	.04670
.200	22.790	.74760	.29000	.18820	.80160	-.02227	.00050	.00160	-.00500	.56500	.04820
.200	24.890	.84030	.34590	.18330	.90790	-.03969	.00260	.00060	-.00900	.57700	.05216
.200	26.990	.91570	.40360	.17970	.99920	-.05591	.00280	.00070	-.01000	.58900	.05683
.200	29.040	.95880	.46330	.17590	1.06340	-.05989	.00280	.00210	-.01000	.59100	.06051
.200	31.070	.98790	.52990	.17770	1.11970	-.05662	.00340	.00230	-.01300	.59300	.06983
.200	GRADIENT	.05532	-.00791	-.00150	.05704	-.00033	-.00000	.00001	-.00065	.03352	-.00037

PARAMETRIC DATA

SREF = 4.4119 SQ FT.

YMRP = 43.5974 INCHES

LEFF = 19.2299 INCHES

YMRP = .0000 INCHES

BREF = 37.5359 INCHES

ZMRP = 15.1875 INCHES

SCALE = .0405 SCALE

BETA = .000

BDFLAP = -12.000

ELEVON = -15.000

AILRON = .000

RUDDER = .000

SPDRK = 25.000

GP.POS = .178

RUN NO. 14/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-1.570	-7.0530	.13300	.23170	-7.71370	.07634	-.00070	.00250	.00900	.77100	.04166
.200	-2.470	-5.7700	.11110	.23020	-.58130	.08622	-.00080	.00200	.00800	.79780	.04117
.200	-1.390	-5.1330	.10150	.22900	-.51560	.08905	-.00090	.00180	.00700	.81500	.04137
.200	-.340	-4.5280	.09270	.22640	-.45340	.09003	-.00100	.00170	.00700	.83600	.04102
.200	.680	-3.9320	.08560	.22470	-.39210	.09027	-.00090	.00180	.00600	.85300	.04080
.200	1.760	-3.3150	.07860	.22150	-.32990	.08877	-.00090	.00190	.00600	.90000	.03996
.200	3.860	-2.7620	.06890	.21640	-.21110	.0825	-.00090	.00170	.00400	1.02900	.03902
.200	5.960	-1.0210	.06190	.21140	-.09310	.07211	-.00080	.00170	.00200	1.46900	.03857
.200	8.050	.00950	.06740	.20710	.01720	.05856	-.00070	.00200	.00100	-3.50500	.03832
.200	10.150	.11780	.06540	.20480	.12750	.04381	-.00060	.00200	.00000	.06100	.03859
.200	12.250	.23330	.07820	.19960	.24460	.02690	-.00030	.00270	-.00100	.35100	.03966
.200	14.350	.36220	.10240	.18880	.37720	.00889	.00000	.00170	-.00200	.46600	.04105
.200	16.500	.49290	.13470	.17580	.51090	-.01087	.00030	.00260	-.00400	.52800	.04271
.200	18.640	.62210	.18340	.16330	.65280	-.02989	.10050	.00440	-.00500	.56100	.04483
.200	20.740	.74910	.23880	.15080	.78820	-.04193	.00500	.00470	-.01300	.58100	.04542
.200	22.870	.86400	.32030	.13930	.92050	-.04075	.00050	.0040	-.00300	.59600	.04939
.200	24.960	.94110	.37440	.13770	1.05120	-.05776	.00260	.00090	-.00900	.60200	.05273
.200	27.020	1.00150	.43090	.13430	1.02800	-.07128	.00290	.00200	-.01100	.60600	.05678
.200	29.090	1.04850	.49310	.13620	1.15590	-.07905	.00250	.00410	-.01300	.60800	.06234
.200	31.110	1.05900	.55720	.14180	1.19460	-.07018	.00240	.00390	-.01400	.60810	.07163
	GRADIENT	.05716	-.100670	-.00204	.05562	-.00084	-.00001	-.00066	-.00064	.05800	-.00032

REFERENCE DATA

0A628 826C9G15WTF9 W116E28V8R5X9

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES

LCRF = 19.2299 INCHES YMRP = .0000 INCHES

BRF = 37.9359 INCHES ZMRP = 15.1875 INCHES

SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000

ELEVON = -10.000 AILRON = .000

RUDDER = .000 SPOBRX = 25.000

GF.POS = .176

PARAMETRIC DATA											
WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.500	-.61160	.11470	.19110	-.61870	.05634	-.00100	.00210	.00800	.76500	.04219
.200	-2.390	-.48080	.09470	.18850	-.48430	.07458	-.00090	.00190	.00700	.79500	.04226
.200	-1.310	-.41400	.08670	.18700	-.41590	.07729	-.00090	.00170	.00600	.81700	.04228
.200	-.280	-.35720	.07920	.18560	-.35760	.07747	-.00080	.00170	.00500	.84300	.04247
.200	.780	-.29230	.07390	.18250	-.29130	.07730	-.00080	.00170	.00400	.88200	.04133
.200	1.820	-.23490	.06850	.18160	-.23260	.07594	-.00070	.00180	.00300	.93900	.04189
.200	3.930	-.11630	.06150	.17470	-.11180	.06937	-.00070	.00180	.00200	1.22700	.04008
.200	6.030	-.00120	.05870	.17100	-.00490	.06255	-.00060	.00180	.00100	-11.92000	.03917
.200	8.140	.11390	.05030	.16470	.12130	.04355	-.00050	.00170	.00000	.15200	.03944
.200	10.240	.22450	.06910	.16030	.23320	.02800	-.00030	.00190	-.00020	.39000	.03823
.200	12.350	.34460	.08610	.15380	.35500	.01036	-.00020	.00200	-.00030	.49200	.04080
.200	14.480	.47220	.11300	.14100	.42550	-.00861	.00020	.00130	-.00040	.54500	.04172
.200	16.590	.61340	.15290	.12610	.63150	-.02852	.00010	.00180	-.00040	.57500	.04378
.200	18.710	.74070	.20020	.11280	.76580	-.04793	.00030	.00320	-.00050	.59700	.04491
.200	20.870	.87110	.26940	.10030	.91000	-.05863	.00050	.00460	-.00070	.61100	.04731
.200	22.930	.98250	.34630	.09150	1.01220	-.05228	.00050	-.00010	-.00040	.61800	.04934
.200	25.040	1.07350	.40720	.09290	1.11230	-.07020	.00290	-.00010	-.00000	.62100	.05472
.200	27.120	1.10290	.47010	.09150	1.19600	-.08435	.00260	.00080	-.00000	.62400	.05879
.200	29.150	1.12310	.52690	.09480	1.23750	-.08704	.00200	.00340	-.00000	.62300	.06276
.200	31.170	1.12240	.58820	.10840	1.26480	-.07760	.00150	.00440	-.00000	.62000	.07548
.200	GRADIENT	.05867	-.00629	-.00190	.05304	.00035	.00003	-.00003	-.00072	.05493	-.00023

OM628 B26C9G15N7F8 W16E28V8R5X9

(RD2016) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BRPF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEWON = -5.000 AILRON = .000
 RUDDER = .000 SFDPRK = 25.000
 GP.POS = .178

PARAMETRIC DATA

RUN NO. 16/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDP	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.430	-.49440	.09730	.14110	-.50040	.05885	-.00060	.00300	.00700	.75560	.04487
.200	-2.300	-.36180	.08200	.13400	-.36480	.06744	-.00060	.00280	.00500	.79100	.04425
.200	-1.240	-.29710	.07630	.13630	-.29870	.06981	-.00050	.00280	.00400	.82000	.04414
.200	-.170	-.23490	.06990	.13390	-.23510	.06923	-.00050	.00280	.00300	.86100	.04429
.200	.850	-.17380	.06630	.13170	-.17280	.06896	-.00040	.00290	.00200	.93200	.04333
.200	1.910	-.11420	.06280	.12880	-.11200	.06668	-.00040	.00300	.00100	1.07500	.04276
.200	4.010	.00570	.05910	.12340	.00980	.05857	-.00020	.00310	.00000	-3.94500	.04244
.200	6.120	.12070	.06040	.11690	.12650	.04719	.00000	.00310	-.00100	.31200	.04047
.200	8.230	.23610	.06630	.11070	.24310	.03181	.00000	.00320	-.00200	.48400	.04038
.200	10.330	.35270	.07930	.10540	.36120	.01479	.00000	.00320	-.00300	.54400	.04120
.200	12.460	.47200	.10040	.09640	.48260	-.00376	.00050	.00320	-.00500	.57800	.04209
.200	14.570	.60370	.13290	.08200	.61780	-.02326	.00080	.00270	-.00700	.60200	.04335
.200	16.690	.74080	.17740	.06900	.76050	-.04284	.00040	.00310	-.00600	.61800	.04455
.200	18.810	.87270	.23040	.05670	.90040	-.06342	.00080	.00450	-.00800	.62800	.04624
.200	20.920	.98600	.30380	.04280	1.02940	-.06841	.00880	.00720	-.02300	.63600	.04724
.200	23.040	1.08350	.39160	.03700	1.15030	-.06369	.00140	.00060	-.00500	.64000	.05330
.200	25.110	1.14180	.44800	.04140	1.22400	-.07891	.00300	.00100	-.01200	.63900	.05770
.200	27.170	1.19490	.50990	.04390	1.29560	-.09184	.00270	.00140	-.01400	.63900	.06199
.200	29.200	1.20680	.56730	.05470	1.33030	-.09351	.00210	.00490	-.01800	.63700	.06684
.200	31.200	1.17600	.61950	.07350	1.32680	-.07928	.00080	.00410	-.01300	.63100	.07930
GRADIENT	.05916	-.00455	-.00212	.06037	.06005	-.00005	.00002	-.00086	-.00003	-4.00803	-.00000

DATE 02 JUL 74

(RDZ017) (07 JUN 74)

TABULATED SOURCE DATA - 04623
C1028 B26C9G15M7F8 W16E2H0R5X9

PARAMETRIC DATA

BETA = .000
ELEVON = 15.000
RUDER = .000
CP,POS = .173

REFERENCE DATA

SREF = 4.4119 SQ FT.
LREF = 19.2299 INCHES
SREF = 37.9359 INCHES
SCALE = .0405 SCALE

GRADIENT INTERVAL = -6.00/ 6.00

RUN NO. 17/ 0

FN/L = 1.42

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XLP/L	CAB
.200	-4.049	-.01030	.07180	-.07060	-.01530	.07098	-.00050	.00190	.00400	-1.04000	.05343
.200	-1.920	.11980	.07120	-.07380	.11130	.07524	-.00050	.00170	.00100	.88300	.05202
.200	-.850	.18240	.07230	-.07710	.18130	.07508	-.00060	.00190	.00200	.80800	.05289
.200	.200	.24190	.07360	-.07980	.24220	.07279	-.00050	.00180	.00200	.77300	.05253
.200	1.240	.29870	.07690	-.08190	.30030	.07643	-.00050	.00170	.00100	.75200	.05091
.200	2.280	.35370	.08190	-.08420	.35670	.06774	-.00050	.00160	.00200	.73900	.04982
.200	4.370	.45780	.09150	-.08560	.46350	.05632	-.00040	.00130	.00100	.72000	.04872
.200	6.470	.56980	.10710	-.09420	.57830	.04219	-.00060	.00100	.00100	.71200	.04780
.200	8.570	.68240	.12830	-.10140	.69390	.02511	-.00070	.00080	.00000	.70500	.04706
.200	10.720	.80750	.15910	-.11100	.82310	.00616	-.00050	.00100	.00100	.70100	.04705
.200	12.830	.92070	.19620	-.11590	.94130	-.01309	-.00040	.00100	.00200	.69700	.04714
.200	14.920	1.03640	.24400	-.12290	1.06420	-.03117	-.00020	.00050	.00200	.69400	.04708
.200	17.040	1.16100	.30170	-.13290	1.19850	-.05184	.00010	.00060	.00200	.69200	.04694
.200	19.150	1.28060	.38730	-.14360	1.33620	-.07348	.00120	.00060	.00100	.69100	.05417
.200	21.260	1.33410	.47680	-.14110	1.41510	-.04256	.00180	.00150	.00000	.68800	.05762
.200	23.270	1.38530	.51980	-.12850	1.48590	-.05152	.00050	.00210	.00400	.68300	.06239
.200	25.360	1.43080	.51460	-.11760	1.55620	-.05724	.00150	.00250	.00100	.67900	.06755
.200	27.390	1.44130	.66970	-.09510	1.58780	-.06849	.00320	.00010	.00200	.67400	.07564
.200	29.330	1.35120	.68680	-.04580	1.51440	-.06323	.00200	.00230	.00300	.66400	.08525
.200	31.300	1.30320	.72220	-.02200	1.48880	-.06015	.00090	.00410	.00100	.65700	.09673
.200	GRADIENT	.05568	.00237	-.00203	.05696	-.00017	.00001	-.00006	-.00025	.15254	-.00055

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TABULATED SOURCE DATA - 0A62B

PAGE 18

0A62B B26C9G15W7F8 W18E22W8R5J9

(RDZ018) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
PREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 10.000 ALLCON = .000
RUDDER = .000 SPDBRK = 25.000
CP,POS = .178

RUN NO. 18/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.06/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.130	-12610	.07190	-102150	-13100	.06269	-100060	.00170	.00500	.59400	.05230
.210	-1.970	.01010	.06710	-102440	.00780	.06741	-100050	.00150	.00300	1.80100	.05170
.220	-1.980	.06850	.06640	-102750	.06730	.06760	-100050	.00140	.00300	.79900	.05101
.230	.090	.13100	.06730	-103000	.13110	.06718	-100040	.00150	.00200	.73600	.05030
.240	.1140	.19080	.06820	-103250	.19210	.06443	-100060	.00150	.00200	.71400	.05007
.250	.2190	.24850	.07040	-103540	.25100	.06187	-100050	.00150	.00200	.70400	.04914
.260	.4280	.26520	.07830	-104110	.37070	.05055	-100040	.00130	.00100	.69300	.04875
.270	.6440	.47810	.09320	-104820	.48520	.03603	-100050	.00120	.00000	.68600	.04733
.280	8.510	.59420	.12870	-105590	.60380	.01954	-100050	.00140	.00000	.68300	.04685
.290	15.610	.70550	.13370	-106190	.71850	.00132	-100040	.00110	.00000	.68200	.04624
.300	12.730	.82510	.16830	-106930	.84220	.01770	-100010	.00110	.00000	.68200	.04681
.310	14.870	.64710	.21320	-107310	.97110	.03707	-100020	.00040	.00000	.68200	.04738
.320	16.920	1.07240	.26790	-107310	1.10400	.05593	-100030	.00000	.00000	.68200	.04813
.330	19.120	1.19430	.34840	-108210	1.24320	.06820	-100030	.00000	.00000	.68200	.05118
.340	21.160	1.17890	.44780	-10840	1.35170	.05058	-100160	.00000	.00000	.68100	.05633
.350	23.230	1.33580	.50570	-109750	1.42700	.06222	-100160	.00000	.00000	.67700	.06107
.360	25.330	1.37540	.57260	-109780	1.48820	.07114	-100190	.00000	.00000	.67300	.06556
.370	27.360	1.40730	.63840	-111130	1.54330	.07981	-100370	.00000	.00000	.66900	.07141
.380	29.310	1.34830	.66740	-109330	1.50240	.07826	-100110	.01390	.00300	.66100	.06194
.390	31.280	1.28870	.70950	-100720	1.46980	.06292	-100180	.00530	.00000	.6300	.09510
.400		.05818	.00074	-100249	.05933	.00147	.00002	.00000	.00000	.04174	.00146

GRADIENT

OM628 B26C9615M7F8 W116E28V8R5Y9 (RD2019) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1375 INCHES
 SCALE = .0405 SCALE

BETA = .000 BCFAP = -12.000
 ELEVON = 5.000 ALLRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .178

PARAMETRIC DATA

RUN NO. 19/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.210	-1.29020	.07630	.03430	-.23520	.05780	-.00050	.00250	.00500	.70100	.04954
.205	-2.110	-1.11580	.06740	.03060	-.11820	.06315	-.00050	.00260	.00300	.74700	.04869
.200	-1.030	-.05250	.06470	.02870	-.03310	.06382	-.00030	.00250	.00200	.85100	.04902
.205	.030	.03030	.06260	.02610	.01000	.06262	-.00030	.00260	.00100	-.37400	.04887
.200	1.120	.07430	.06250	.02290	.07530	.05107	-.00020	.00260	.00100	.53900	.04733
.205	2.110	.13130	.06270	.02070	.13350	.05785	-.00010	.00260	.00000	.59400	.04789
.200	4.270	.24990	.05660	.01330	.23390	.04788	-.00010	.00260	.00000	.63200	.04613
.205	6.330	.36580	.04580	.00620	.37190	.03485	-.00040	.00240	.00300	.64500	.04548
.200	8.440	.48220	.03000	-.00170	.49020	.01822	-.00040	.00220	.00000	.65300	.04487
.205	10.520	.58940	.01000	-.00740	.53960	.00048	-.00010	.00210	-.00200	.65600	.04504
.200	12.640	.71280	.00430	-.01550	.72630	-.01920	.00020	.00170	-.00300	.66100	.04605
.205	14.760	.83620	.00160	-.02690	.85490	-.03750	.00060	.00070	-.00600	.66300	.04695
.200	16.920	.97170	.00000	-.04050	.99800	-.05795	.00120	.00130	-.00600	.66800	.04757
.205	19.000	1.11950	.00000	-.04980	1.13140	-.07814	.00070	.00410	-.00700	.66800	.04833
.200	21.110	1.19820	.00040	-.06380	1.26200	-.05803	.00170	.00040	-.00800	.67100	.05507
.205	23.170	1.26650	.00360	-.05570	1.33750	-.06825	.00210	.00010	-.00900	.67000	.05684
.200	25.250	1.31030	.02910	-.04840	1.41080	-.08739	.00150	.00160	-.01000	.66400	.06393
.205	27.340	1.35580	.09950	-.04130	1.47970	-.09015	.00340	.00010	-.01600	.66200	.06903
.200	29.370	1.31360	.61960	-.01090	1.45850	-.08688	.00260	.00120	-.03200	.65400	.07701
.205	31.270	1.26130	.68230	.01620	1.43210	-.07204	.00150	.00560	-.02100	.64700	.08896
.200											
	GRADIENT	.05885	-.00113	-.00246	.05994	-.00019	.00005	.00000	-.00061	-.01987	-.00018

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TABULATED SOURCE DATA - 04628

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04628 B260915M78 W116E28V8595

(RDZ020) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = 1:4.5 SCALE

BETA =
ELEVON =
RUDDER =
GP.POS =

BDCLAP = -12.000
AILRON = .000
SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 2070 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.20	-4.29	-36270	.08360	.0370	-36790	.05619	-.00070	.00260	.00500	.73500	.04686
.21	-2.10	-22920	.07150	.0256	-23180	.05281	-.00170	.00240	.00400	.78000	.04593
.22	-1.12	-16470	.05780	.0195	-16650	.05455	-.00050	.00240	.00200	.82600	.04616
.23	-.050	-.050	.05360	.0620	-110160	.06356	-.00060	.00250	.01200	.92800	.04589
.24	.060	.0434	.04120	.07160	-107240	.06195	-.00050	.00240	.00100	1.02300	.04524
.25	2.00	.01820	.06140	.07100	.02140	.05976	-.00040	.00210	.00000	-.61200	.04449
.26	4.12	.01370	.06150	.06490	.04070	.05765	-.00040	.00260	.00000	.48300	.04493
.27	6.23	.02360	.05840	.05750	.02590	.05447	-.00040	.00200	.00000	.57000	.04260
.28	8.34	.03714	.05764	.05100	.01650	.05177	-.00030	.00240	-.00100	.60300	.04319
.29	10.42	.0745	.05260	.04430	.00850	.04856	-.00030	.00250	-.00200	.61800	.04291
.30	12.50	.0745	.04990	.03950	.01610	.04571	-.00020	.00220	-.00500	.63100	.04391
.31	14.60	.07360	.04680	.02430	.074640	.04343	.00000	.00170	-.00500	.64000	.04487
.32	16.80	.06520	.02500	.00390	.06460	.04531	.00020	.00170	-.00500	.64800	.04544
.33	18.90	.05330	.02080	-.0120	1.00100	.04753	.00010	.00180	-.00900	.65200	.04763
.34	21.10	.04020	.01370	-.0170	1.15560	.04974	.00000	.00170	-.01500	.65700	.04973
.35	23.10	.02730	.00700	-.01430	1.25310	.05271	.00000	-.00120	-.00700	.65600	.05522
.36	25.10	.01360	.00370	-.00200	1.30790	.05623	.00000	-.00120	-.01100	.65400	.05722
.37	27.05	.00440	.00140	-.00140	1.33720	.05937	.00000	-.00120	-.01500	.65300	.05836
.38	29.00	.00250	.00050	-.00150	1.44230	-.05934	.00000	-.00140	-.01800	.64800	.05705
.39	31.00	.00230	.00050	.00140	1.33370	.05730	.00000	-.00140	-.01600	.64000	.05571
.40	GRADIENT	-.05920	-.00274	-.00033	.06332	-.00170	.00000	.00000	-.00166	-.07650	-.05129

04628 B26C9615W7F8 W116E28W8R519

(R02021) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LEEF = 19.2239 INCHES YMRP = .0000 INCHES
BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
SCALE = .1405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
SLEWON = .000 AILPON = .000
RUDDER = .000 SPOBRV = 25.000
GPIPOS = .125

RUN NO. 21/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.20	3.110	.07850	.06340	.08190	.05907	.00060	.00000	.00290	.00000	.28500	.14521
.25	4.210	.14593	.16310	.15020	.05227	.00040	.00000	.00290	.00000	.76500	.14490
.30	6.230	.26710	.18770	.16430	.03856	.00010	.00000	.00280	.00000	.56500	.14296
.35	8.330	.39260	.17490	.1536	.02778	.00000	.00000	.0026	.00000	.602	.14292
.40	11.420	.51421	.19700	.12430	.11172	.00000	.00000	.0025	.00000	.621	.14354
.45	12.640	.6434	.19500	.13790	.65540	.00000	.00000	.0020	.00000	.63400	.14363
.50	14.760	.7756	.16520	.75210	.13758	.00000	.00000	.0014	.00000	.64500	.14387
.55	16.470	.9074	.21380	.92650	.07582	.00000	.00000	.0011	.00000	.651	.14410
.60	19.020	1.10600	.27320	1.16320	.07472	.00000	.00000	.0010	.00000	.65600	.14572
.65	21.140	1.1431	.37520	1.20160	.05623	.00000	.00000	.0010	.00000	.66000	.1512
.70	23.420	1.21300	.44100	1.28300	.07416	.00000	.00000	.0010	.00000	.65300	.15430
.75	25.800	1.27650	.51640	1.37160	.06835	.00000	.00000	.0010	.00000	.65300	.15016
.80	27.330	1.32980	.57430	1.44690	.05930	.00000	.00000	.0010	.00000	.65300	.15630
.85	29.340	1.37300	.62300	1.51100	.05977	.00000	.00000	.0010	.00000	.65000	.17611
.90	31.260	1.40520	.66310	1.43430	.07769	.00000	.00000	.0010	.00000	.64500	.18746
.95	33.120	1.46120	.70020	1.32030	.07612	.00000	.00000	.0010	.00000	.64164	.19128

DATE 02 JUL 74

TABULATED SOURCE DATA - Q4628

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Q4628 B26C9G15W78 M16E26V8R5X9

(RD2022) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 39.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = 1000'S SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 ALCRON = .000
 RUDER = .000 SPDBRK = 25.000
 CP,PDS = .125

RUN NO. 22/0 KNYL = 1.42 GRADIENT INTERVAL = -6.00/ 5.00

WACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CB	CY	XCF/L	CAB
.200	3.100	.06630	.06230	.06660	.06960	.03809	-.00040	.291	.00000	.19400	.4498
.210	4.150	.13060	.06210	.06580	.03480	.03255	-.00040	.0280	.00000	.42800	.04518
.220	6.130	.25840	.06680	.07150	.26410	.03773	-.00020	.0280	-.01000	.55300	.04284
.230	8.180	.39160	.07770	.07580	.38860	.02070	-.00010	.0270	-.01000	.53500	.04389
.240	10.490	.51250	.09660	.08080	.51150	.00248	.00000	.0280	-.01000	.61700	.04319
.250	12.620	.63470	.12450	.07430	.62660	-.00729	.00040	.0260	-.01400	.63200	.04337
.260	14.790	.76690	.16410	.07170	.78630	.03750	.00050	.0270	-.01500	.64300	.04338
.270	16.870	.90610	.21400	.07150	.92040	.05809	.00050	.0230	-.01500	.65100	.04440
.280	19.010	1.02950	.27110	.07110	1.06210	-.00924	.00040	.0390	-.00900	.65500	.04478
.290	21.120	1.14150	.33510	.07090	1.15930	.00610	.00040	.0370	-.00900	.66100	.04591
.300	23.200	1.21240	.40920	.07070	1.26740	.00739	.00030	.0370	-.00700	.66000	.04588
.310	25.330	1.23010	.49610	.07050	1.37630	-.00896	.00020	.0370	-.00700	.65100	.04528
.320	27.460	1.33160	.57870	.07040	1.44730	-.00763	.00020	.0360	-.00600	.65800	.04635
.330	29.110	1.37430	.62500	.07030	1.44410	-.00342	.00010	.0360	-.00600	.65200	.04795
.340	31.320	1.26680	.68110	.07030	1.47740	-.00784	.00010	.0370	-.01400	.64700	.04843
.350	GRADIENT	.06124	-.00019	-.00459	.06200	-.00458	.00000	-.00000	.00000	.02200	.04719

QM628 B26C9G15WTF8 W16E26V8R5Y8

(RD02024) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = 5.000 ALLRON = .000
RUDDER = .000 SPOBRK = 25.000
GP.FOS = .125

PARAMETRIC DATA

RUN NO. 24/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	3.200	.19520	.06580	.02920	.19860	.05485	-.00030	.00300	.00000	.59700	.04732
.200	4.240	.25740	.06820	.02330	.26180	.04894	-.00030	.00290	.00000	.61900	.04589
.200	6.380	.38380	.07650	.01210	.39000	.03340	-.00040	.00270	.00000	.64000	.04513
.200	8.500	.50480	.09130	.00080	.51280	.01570	-.00030	.00250	.00000	.65100	.04415
.200	10.600	.62570	.11270	-.00990	.63580	-.00433	-.00020	.00280	.00000	.65700	.04481
.200	12.860	.75990	.14840	-.02270	.77390	-.02443	.00030	.00220	.00040	.66200	.04360
.200	14.850	.88690	.19150	-.03200	.90630	-.04225	.00050	.00080	.00500	.66700	.04385
.200	16.980	1.02110	.24610	-.05330	1.04840	-.06291	.00090	.00220	.00600	.67000	.04419
.200	19.100	1.14730	.32270	-.06800	1.18980	-.07054	.00980	.00690	.02600	.67300	.04782
.200	21.180	1.23960	.41390	-.08000	1.30540	-.06211	.00220	.00010	.00700	.67400	.05272
.200	23.270	1.30190	.47850	-.07370	1.38510	-.07481	.00180	-.00730	.00700	.67100	.05675
.200	25.340	1.36200	.55160	-.07170	1.46700	-.08455	.00280	-.00130	.00100	.67000	.06839
.200	27.410	1.39970	.61990	-.06350	1.52800	-.09408	.00480	-.00040	.00200	.66700	.06829
.200	29.410	1.34660	.65720	-.03240	1.49580	-.08894	.00250	.00370	.00300	.66700	.08782
.200	31.350	1.29980	.70580	-.01070	1.47720	-.07353	.00180	.00530	.00200	.65400	.09248
GRADIENT		.05981	.00231	-.00567	.06077	-.00569	.00000	-.00010	.00000	.02115	-.00137

REFERENCE DATA

SREF = 4.4119 SQ.FT.

LREF = 19.2299 INCHES

BREF = 37.9339 INCHES

SCALE = .0405 SCALE

YMRP = 43.5974 INCHES

YMRP = .0000 INCHES

ZMRP = 15.1875 INCHES

PARAMETRIC DATA

BETA = .000

ELEVON = 15.000

RUDDER = .000

GF.POS = .125

BDFLAP = -12.000

AILRON = .000

SFDBRK = 25.000

RUN NO. 25/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CL1	CL2	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	3.390	.42690	-.08030	.43130	.08670	.43130	.06135	-.00030	.00200	.00100	.72000	.04901
.200	4.420	.48850	-.08500	.49420	.09290	.49420	.05497	-.00040	.00190	.00000	.71500	.04861
.200	6.540	.60170	-.09290	.61010	.10830	.61010	.03912	-.00050	.00130	.00000	.70800	.04663
.200	8.680	.72070	-.10380	.73210	.13040	.73210	.02010	-.00060	.00160	.00000	.70400	.04552
.200	10.780	.83960	-.11320	.85480	.16090	.85480	.00098	-.00030	.00160	.00000	.70000	.04459
.200	12.900	.96000	-.12110	.98050	.20050	.98050	-.01888	.00000	.00120	-.00300	.69700	.04469
.200	15.010	1.07990	-.13060	1.10790	.25050	1.10790	-.03781	.00010	.00030	-.00400	.69500	.04531
.200	17.110	1.20370	-.14160	1.24140	.30900	1.24140	-.05902	.00010	.00250	-.00600	.69400	.04661
.200	19.230	1.35720	-.15010	1.36400	.39390	1.36400	-.05881	.00180	.00790	-.03000	.69200	.05038
.200	21.340	1.58160	-.14830	1.45950	.47440	1.45950	-.06094	.00510	.00180	-.01400	.68900	.05495
.200	23.420	1.42210	-.14250	1.52530	.55440	1.52530	-.05655	.00130	-.00280	-.00700	.68600	.06036
.200	25.440	1.47240	-.13610	1.60090	.63160	1.60090	-.06215	.00330	-.00480	-.01400	.68300	.06644
.200	27.460	1.47100	-.11090	1.62050	.68360	1.62050	-.07173	.00500	.00060	-.02600	.67700	.07310
.200	29.440	1.39630	-.06760	1.56580	.71170	1.56580	-.06673	.00050	.01540	-.03700	.66800	.09029
.200	31.420	1.35750	-.05090	1.55050	.75200	1.55050	-.06600	.00100	.00300	-.01600	.66400	.10122
	GRADIENT	.05981	-.00456	.06107	.00602	.06107	-.00619	.00010	-.00010	-.00097	-.00485	-.00039

DATE 02 JUL 74 TABULATED SOURCE DATA - QM628

(RDZ026) (07 JUN 74)

QM628 B26C9615H7F8 W16E26V8R5X9

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 15.000 AILRON = .000
RIDDER = .000 SPDGRK = 25.000
GP.POS = .123

REFERENCE DATA

SREF = 4.4119 SQ.FT. CNRP = 45.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0485 SCALE

RUN NO. 26/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	3.390	.42940	.08710	-.08040	.43380	.06152	-.00010	.00250	.00100	.72000	.04870
.200	4.440	.49590	.09340	-.08640	.49660	.05507	.00000	.00250	.00000	.71600	.04807
.200	6.530	.60410	.10810	-.09570	.61250	.03869	.00000	.00180	.00000	.70900	.04714
.200	8.670	.73050	.13180	-.10810	.74200	.02019	.00000	.00180	-.00100	.70500	.04629
.200	10.780	.86310	.16310	-.12280	.87870	.00066	.00000	.00220	-.00200	.70300	.04554
.200	12.910	.98610	.20370	-.13330	1.00710	-.01990	.00010	.00180	-.00300	.70000	.04607
.200	15.020	1.10180	.25630	-.14330	1.13060	-.03807	.00130	.00060	-.00400	.69800	.04563
.200	17.140	1.23370	.31670	-.15470	1.27220	-.06092	.00020	.00260	-.00500	.69600	.04804
.200	19.260	1.33080	.40140	-.16040	1.32870	-.06015	.00120	.00820	-.03100	.69400	.05188
.200	21.320	1.39450	.48940	-.15940	1.47750	-.05130	.00100	-.00040	-.000500	.69100	.05606
.200	23.400	1.45530	.56650	-.15410	1.56060	-.05822	.00100	-.00280	-.00600	.68800	.06261
.200	25.440	1.47940	.63550	-.14620	1.60900	-.06178	.00270	-.00500	-.01100	.68500	.06679
.200	27.480	1.49010	.69130	-.11910	1.64090	-.07434	.00430	.00500	-.02900	.67800	.07571
.200	29.420	1.41010	.71430	-.07580	1.57910	-.07067	.00060	.01530	-.03600	.66900	.09251
.200	31.410	1.36080	.75440	-.05660	1.55460	-.06552	.00060	.00330	-.01600	.66500	.10100
GRADIENT		.05857	.00600	-.00571	.05981	-.00614	.00010	.00000	-.00095	-.00381	-.00060

OM628 B26C9G15M7F8 W16E28W8R5X9

(RD2027) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .000L INCHES
EREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPDRBK = 25.000
GF.POS = .125

PARAMETRIC DATA

RUN NO. 27/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	2.900	-.18310	.19670	-.17930	.07784	-.00100	.00130	.00300	1.05500	.04184
.200	3.940	-.12100	.19230	-.11630	.07260	-.00080	.00130	.00200	1.26000	.04175
.200	6.060	.01100	.18240	.01030	.05949	-.00070	.00130	.00000	-5.83800	.04038
.200	8.240	.13040	.17280	.13810	.04393	-.00050	.00130	-.00100	.19100	.03929
.200	10.300	.24940	.16500	.25830	.02656	-.00040	.00150	-.00100	.41500	.04130
.200	12.420	.37790	.15360	.38870	.00788	.00000	.00140	-.00200	.50600	.04150
.200	14.540	.51260	.13590	.52630	-.01237	.00030	.00160	-.00400	.55700	.04210
.200	16.690	.65760	.11790	.67690	-.03229	.00040	.00130	-.00400	.58800	.04327
.200	18.790	.78920	.10280	.81560	-.05315	.00150	.00260	-.00700	.60500	.04433
.200	20.920	.91680	.08150	.96400	-.04558	.00050	.00050	-.00300	.62100	.04701
.200	23.050	1.00820	.07850	1.07110	-.05938	.00170	-.00080	-.00400	.62500	.04993
.200	25.130	1.08100	.07720	1.15830	-.07620	.00310	-.00050	-.01000	.62700	.05461
.200	27.170	1.13230	.07370	1.22770	-.08802	.00190	.00060	-.00900	.63000	.05743
.200	29.210	1.15550	.07820	1.27360	-.09010	.00200	.00420	-.01600	.62900	.06537
.200	31.280	1.15680	.08820	1.30450	-.08728	.00120	.00460	-.01600	.62700	.07844
GRADIENT		.05971	-.00404	.06058	-.00304	.00019	.00000	-.00096	.19712	-.00009

Q4628 826C9G1547F8 W16E26V8R519

(R02028) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPD8RK = 25.000
GP.POS = .125

RUN NO. 28/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	2.870	-.19980	.06840	.20380	-.19610	.07839	-.00080	.00100	.00300	1.03400	.04206
.200	3.920	-.13740	.06440	.19330	-.13260	.07368	-.00070	.00100	.00100	1.20300	.04171
.200	6.040	-.01220	.06030	.19030	-.00570	.06132	-.00050	.00110	.00000	12.74500	.04009
.200	8.160	.11030	.06140	.18090	.11790	.04511	-.00050	.00100	.00000	.03700	.03961
.200	10.290	.23390	.07050	.17270	.24270	.02763	-.00050	.00130	-.00100	.39000	.04054
.200	12.410	.36000	.08890	.15950	.37070	.00951	.00000	.00120	-.00200	.49300	.04065
.200	14.600	.51270	.11920	.14240	.51670	-.01077	.00040	.00030	-.00400	.55000	.04141
.200	16.640	.63690	.16000	.12450	.65610	-.02912	.00040	.00120	-.00500	.58200	.04195
.200	18.790	.77920	.21000	.10990	.80330	-.05213	.00150	.00260	-.00000	.60100	.04491
.200	20.910	.90650	.29880	.08680	.95340	-.04447	.00000	.00040	-.00200	.61600	.04728
.200	23.060	1.03280	.36390	.06170	1.05330	-.05799	.00160	-.00130	-.00400	.62300	.04937
.200	25.080	1.07470	.42090	.07840	1.15180	-.07442	.00300	-.00060	-.00900	.62700	.05391
.200	27.160	1.14120	.48650	.07510	1.23750	-.08813	.00220	.00020	-.01000	.62900	.05786
.200	29.210	1.16280	.54690	.07980	1.28190	-.09027	.00270	.00360	-.01700	.62900	.06433
.200	31.220	1.15540	.60730	.08930	1.29860	-.07697	.00130	.00250	-.01000	.62600	.07730
GRADIENT		.05343	-.00381	-.00429	.06448	-.00449	.00010	.00000	-.00190	.16286	-.00033

04628 826C9G15W7F8 W16E28W85X9

(RDZ029) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = 10.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000
CP.POS = .125

PARAMETRIC DATA

RUN NO. 29/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	3.1290	.31890	.07520	-.02890	1.32270	.05682	-.00040	.00150	.00200	.68500	.04784
.200	4.350	.38170	.07870	-.03390	.38660	.04953	-.00050	.00140	.00200	.68400	.04791
.200	6.450	.49850	.09020	-.04310	.50550	.03369	-.00060	.00100	.00100	.68300	.04673
.200	8.540	.61660	.10870	-.05370	.62590	.01586	-.00060	.00120	.00000	.68300	.04565
.200	10.670	.73520	.13580	-.06280	.75060	-.00332	-.00020	.00140	.00000	.68200	.04533
.200	12.780	.85360	.17130	-.07180	.87030	-.02212	.00000	.00110	-.00100	.68200	.04385
.200	14.910	.98160	.21820	-.08440	1.00470	-.04163	.00050	-.00030	-.00300	.68300	.04428
.200	17.020	1.11230	.27580	-.09730	1.14440	-.06185	.00260	.00200	-.00500	.68300	.04517
.200	19.160	1.22730	.35840	-.11070	1.27690	-.08432	.01170	.00820	-.02900	.68400	.04909
.200	21.250	1.30940	.44730	-.11590	1.38250	-.05777	.00200	-.00040	-.00500	.68300	.05430
.200	23.340	1.37020	.51640	-.10930	1.46270	-.05889	.00110	-.00200	-.00500	.67900	.05919
.200	25.430	1.41560	.58860	-.10380	1.53130	-.07548	.00240	-.00260	-.00100	.67700	.06381
.200	27.430	1.45020	.65190	-.08990	1.57530	-.08303	.00450	-.00040	-.02100	.67200	.06957
.200	29.390	1.37530	.68200	-.05990	1.53300	-.08076	.00150	.01470	-.00900	.66400	.08549
.200	31.360	1.31850	.72030	-.02950	1.50580	-.06301	.00070	.00350	-.01600	.65900	.09665
GRADIENT	.05925	.00330	.00330	-.00472	.06028	-.00688	-.00009	-.00009	.00000	-.00034	.00007

DATE 02 JUL 74 TABULATED SOURCE DATA - 04628

(RDZ031) (07 JUN 74)

04628 B26C9G15MTF8 W16E28V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0435 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = -15.000 AILRON = .000
RUDDER = .000 SPCBRK = 25.000
CFPOS = .125

PARAMETRIC DATA

RUN NO. 31/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	2.810	-.29470	.07730	.24370	-.29060	.09173	-.00100	.00180	.00400	.96300	.04045
.200	3.680	-.23120	.07150	.24230	-.22580	.08703	-.00080	.00170	.00200	1.04600	.04035
.200	5.970	-.11120	.06420	.23220	-.10390	.07547	-.00070	.00140	.00100	1.47400	.03838
.200	8.070	.00010	.06300	.22640	.01790	.06116	-.00050	.00110	-.00100	-3.99800	.03885
.200	10.160	.12670	.06780	.21840	.13670	.04440	-.00040	.00140	-.00200	.06400	.03930
.200	12.320	.25520	.08230	.20950	.26690	.02601	-.00010	.00130	-.00300	.36300	.04083
.200	14.430	.38960	.10740	.19150	.40410	.00687	.00010	.00100	-.00100	.47700	.04123
.200	16.570	.52860	.14330	.17590	.54760	.001340	.00050	.00080	-.00400	.53300	.04364
.200	18.720	.66460	.19080	.15830	.69070	-.00259	.00120	.00280	-.00800	.56700	.04367
.200	20.860	.79900	.25530	.14200	.83760	-.04599	.00630	.00280	-.01500	.58900	.04683
.200	22.940	.89600	.33170	.13100	.95450	-.04372	.00100	.00100	-.00300	.60100	.04863
.200	25.040	.96520	.39180	.12540	1.05840	-.06210	.00320	-.00130	-.00900	.60200	.05310
.200	27.120	1.04870	.45290	.12120	1.13990	-.07504	.00230	.00000	-.01100	.61300	.05621
.200	29.160	1.08810	.51590	.12000	1.20160	-.07963	.00220	.00190	-.01300	.61500	.06236
.200	31.190	1.09430	.57940	.12340	1.23620	-.07111	.00170	.00230	-.01300	.61500	.07479
	GRADIENT	.05798	-.00406	-.00435	.05898	-.00520	.00009	-.00013	-.00088	.16763	-.00069

DATE 22 JUL 74 TABULATED SOURCE DATA - 0462B

0462B 826C915H7F8 W16E20W8R5X9

(RDZ032) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
PREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000
CP.POS = .125

RUN NO. 32/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	2.735	-.38260	.09340	.26570	-.37780	.10862	-.00130	.00110	.00600	.93000	.04001
.200	3.780	-.32320	.08230	.28030	-.31700	.10355	-.00100	.00080	.00500	.97700	.03926
.200	5.900	-.20190	.07220	.27230	-.19340	.09266	-.00100	.00080	.00400	1.17000	.03778
.200	7.990	-.08420	.06640	.26450	-.07410	.07754	-.00080	.00070	.00100	1.56400	.03858
.200	10.120	.03070	.06800	.25910	.04220	.06156	-.00050	.00100	-.00100	-1.60600	.03935
.200	12.220	.15190	.07860	.25370	.16510	.04468	-.00020	.00140	-.00300	.02700	.04045
.200	14.350	.28570	.09950	.23710	.30140	.02556	-.00010	.00100	-.00100	.36200	.04163
.200	16.480	.42170	.13190	.22370	.44180	.00683	.00050	.00100	-.00400	.46500	.04376
.200	18.620	.55640	.17440	.20630	.58300	-.01242	.00110	.00310	-.00600	.52100	.04543
.200	20.730	.68780	.22370	.18810	.72950	-.01560	.00020	.00130	-.00400	.55700	.04765
.200	22.850	.79720	.26270	.17780	.85370	-.02717	.00130	-.00080	-.00500	.57500	.04956
.200	24.960	.89030	.30650	.16930	.96020	-.04682	.00300	.00080	-.00900	.58700	.05347
.200	27.010	.95340	.41830	.16190	1.03970	-.05981	.00300	.00050	-.01000	.59500	.05617
.200	29.100	1.00550	.48740	.15740	1.11560	-.08327	.00330	.00210	-.01300	.60000	.06276
.200	31.120	1.01540	.54770	.15580	1.15580	-.09814	.00320	.00390	-.01800	.60200	.07039
GRADIENT		.05703	-.00560	-.00416	.05819	-.00515	.00008	-.00008	-.00061	.07793	-.00070

0A62B B26C9G15W7F8 W16E28W8R5X9

(RDZ533) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.9974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEWON = -30.000 AILRON = .000
RUDDER = .000 SPDRK = 25.000
GP.ROS = .125

RUN NO. 33/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	2.690	-4.3750	.12200	.30790	-.43130	.14253	-.00050	.01090	.00700	.91400	.04226
.200	3.710	-4.0930	.11340	.31580	-.40100	.13970	-.00080	.00640	.00600	.94100	.04219
.200	5.810	-3.2070	.09860	.32130	-.30940	.13164	-.00070	.01540	.00400	1.03300	.03959
.200	7.880	-2.2370	.08650	.32161	-.21970	.11646	-.00030	.00570	.00100	1.21400	.04012
.200	10.010	-.12180	.08170	.31790	-.11580	.10172	-.00030	.00440	.00020	1.73700	.03992
.200	12.110	-.07900	.08610	.31590	.11390	.08608	.00000	.00510	-.00300	-11.95500	.04133
.200	14.220	.11540	.11120	.31430	.13960	.07816	.00050	.00460	-.00600	-.11500	.04316
.200	16.320	.22880	.12380	.29320	.25530	.08440	.00110	.00410	-.00600	.22000	.04433
.200	18.440	.34690	.15570	.26280	.17820	.07374	.00150	.00370	-.00700	.35600	.04753
.200	20.570	.46340	.21540	.24160	.51160	.02738	.00130	.00220	-.00600	.45000	.04938
.200	22.660	.57770	.26110	.27290	.63340	.00738	.00090	.00180	-.00500	.49310	.05183
.200	24.770	.67550	.31140	.26160	.74380	-.01037	.00260	-.00120	-.00800	.52300	.05370
.200	26.890	.76480	.36940	.24610	.84920	-.01648	.00350	-.00100	-.00800	.54500	.05557
.200	28.950	.83180	.43460	.23240	.93820	-.02230	.00490	-.00140	-.00900	.56100	.05716
.200	31.020	.89970	.49520	.22260	1.01710	-.03377	.00690	.00030	-.01800	.57100	.05818
.200	GRADIENT	.03815	-.01743	.00370	.13985	-.01329	-.00005	-.00157	-.00096	.03899	-.00090

Q4628 B26C9G15WTF8 W16E28W85X9

(RD2034) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .0000
 ELEVON = -40.0000
 RUDDER = .0000
 GP.POS = .125

BDFLAP = -12.0000
 AILRON = .0000
 SPDBRK = 25.0000

PARAMETRIC DATA

RUN NO. 34/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	2.730	.39300	.14150	.28150	.38550	.16015	-.00200	-.00120	.00700	.92000	.04896
.200	3.800	.13190	.13540	.27630	.32120	.15705	-.00190	-.00170	.00600	.96800	.04878
.200	5.680	.22240	.12400	.27120	.20290	.14620	-.00210	-.00260	.00400	1.12900	.04693
.200	7.990	.11230	.11770	.26950	.10320	.13335	-.00290	-.00250	.00200	1.61300	.04661
.200	10.070	.02290	.11740	.27030	.02200	.11962	-.00190	-.00170	.00300	-15.48200	.04630
.200	12.160	.07930	.12350	.26710	.10420	.11387	-.00170	-.00210	.00100	-.12900	.04554
.200	14.310	.19770	.14090	.26470	.21960	.10941	-.00060	-.00320	-.00100	.20800	.04487
.200	16.360	.26420	.15930	.27180	.30230	.17769	.00180	.00160	.00700	.32100	.04813
.200	18.440	.35710	.15760	.27140	.40850	.06467	.00260	.00360	.00800	.40700	.05058
.200	20.550	.42940	.22980	.28660	.48280	.16449	.00140	-.00140	-.00700	.43300	.05316
.200	22.640	.57710	.27130	.29140	.57250	.05516	.00040	-.00150	-.00400	.45400	.05444
.200	24.730	.59210	.31430	.28760	.66530	.13777	.00020	-.00630	-.00700	.49400	.05729
.200	26.810	.66950	.36710	.27580	.76310	.02561	.00020	-.00690	-.00700	.52000	.06115
.200	28.920	.74150	.40420	.26180	.84450	-.10487	.00510	-.00750	-.00900	.53800	.06613
.200	30.950	.81350	.44640	.25480	.92720	-.03564	.00610	-.00110	-.00900	.55100	.07237
.200	GRADIENT*	.05375	-.00555	-.00316	.05586	-.00454	-.00004	-.00044	-.00095	.06746	-.00063

Q4628 B26C9G15WTF8 W16E28W85X9

(RD2035) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .0000
 ELEVON = -40.0000
 RUDDER = .0000
 GP.POS = .158

BDFLAP = -12.0000
 AILRON = .0000
 SPDBRK = 25.0000

PARAMETRIC DATA

RUN NO. 35/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	11.200	.06860	.13020	.29020	.09260	.11445	-.00180	.00010	.00300	-.49900	.05044
.200	12.250	.11500	.13760	.29170	.14160	.11037	-.00180	.00160	.00600	-.10500	.04836
.200	14.310	.20120	.15260	.29390	.23260	.09812	-.00070	-.00120	.00200	.16700	.05113
.200	16.410	.27820	.15110	.30130	.31640	.08937	-.00020	-.00160	.00100	.30100	.05717
.200	18.450	.37980	.21120	.23760	.40680	.07872	-.00110	-.00170	.00200	.39500	.06045
.200	20.520	.47420	.25710	.25680	.53440	.07387	-.00090	-.00100	.00100	.44700	.06266
.200	22.700	.57510	.31540	.28620	.64870	.06045	.00060	-.00120	.00100	.45200	.06714
.200	24.820	.67110	.35310	.26550	.75670	.03911	.00150	-.00060	.00300	.52100	.07191
.200	26.930	.77220	.40620	.24410	.87330	.01423	.00320	-.00070	.00500	.54300	.07417
.200	29.070	.86460	.46550	.21610	.98190	-.01244	.00340	-.00100	.00600	.57100	.07446
.200	31.100	.95210	.52200	.18560	1.07520	-.07418	.00410	-.00155	.00800	.58900	.07112
.200	GRADIENT*	.11445	.12000	-.00145	.11536	-.000735	.000030	-.00048	-.00058	.04228	.00160

QM628 B26C9615M7F8 W16E28V8R5Y9

(R02036) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.0000
 ELEVON = -30.0000 AILRON = .0000
 RUDDER = .0000 SPDBRK = 25.0000
 GP.FOS = .068

RUN NO. 36/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	11.130	-.00945	.09690	.33650	.00940	.09698	-.00190	-.00370	.00400	-12.34500	.04495
.200	12.230	.03790	.10290	.33050	.07840	.08833	-.00180	-.00600	.00300	-.08980	.04624
.200	14.310	.18270	.11910	.31530	.20650	.07023	-.00110	-.00700	.00200	.09000	.04849
.200	16.430	.31320	.14840	.29940	.34250	.05377	.00000	-.00340	.00200	.33000	.05118
.200	18.550	.42640	.18180	.29170	.46210	.03676	.00070	.00410	.00000	.41900	.05426
.200	20.710	.55810	.23550	.26990	.60340	.02299	.00220	.00180	-.00200	.48800	.05648
.200	22.820	.67720	.28870	.25400	.73620	.01343	.00500	.00070	-.00700	.52500	.06062
.200	24.920	.78010	.35100	.22880	.85340	-.01046	.00290	-.00100	-.00800	.55300	.06497
.200	27.030	.86990	.41530	.20840	.96370	-.02539	.00320	-.00020	-.00800	.57200	.06759
.200	29.080	.93280	.48530	.19030	1.05110	-.02740	.00240	.00210	-.00900	.58500	.06918
.200	31.150	.98800	.54990	.17360	1.13000	-.04052	.00310	.00200	-.01400	.59500	.07739
GRADIENT	.05165	.02299	-.00828	.05755	-.00718	.00029	.00037	.00152	-.00084	.33.269	.00152

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.0000
 ELEVON = -20.0000 AILRON = .0000
 RUDDER = .0000 SPDBRK = 25.0000
 GP.FOS = .068

RUN NO. 37/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	11.240	.02630	.07950	.28060	.13940	.05341	-.00050	.00210	.00000	-.08800	.04367
.200	12.310	.19870	.08850	.27040	.21300	.04412	-.00040	.00060	.00200	.18500	.04430
.200	14.470	.34940	.11550	.24760	.36720	.02449	.00030	-.00020	-.00100	.40400	.04464
.200	16.570	.49130	.15090	.22420	.51390	.00449	.00170	.00200	.00000	.43100	.04512
.200	18.730	.63740	.19790	.20260	.66720	-.01720	.00180	.00340	-.00400	.54000	.04793
.200	20.860	.78110	.27950	.17340	.82940	-.01703	.00060	.00120	-.00200	.57500	.05214
.200	22.970	.88710	.33850	.15680	.94890	-.03462	.00280	-.00060	-.00600	.59100	.05468
.200	25.180	.97900	.39600	.14450	1.07460	-.05637	.00340	.00120	-.01000	.60100	.05852
.200	27.340	1.04860	.45910	.13160	1.14260	-.06929	.00220	.00110	-.01000	.60900	.06018
.200	29.180	1.08870	.52770	.12290	1.20690	-.06970	.00210	.00110	-.01400	.61400	.06474
.200	31.250	1.12680	.60310	.11490	1.27620	-.06912	.00260	.00180	-.01400	.61500	.07815
GRADIENT	.05233	.02669	-.00869	.05680	-.00718	.00029	.00037	.00152	-.00084	.33.269	.00152

OA628 B26C9615M7F8 W16E28V8R5X9

(RDZ038) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BR.F = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = -15.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .068

PARAMETRIC DATA

RUN NO. 38/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	11.330	.23830	.08270	.22850	.24990	.03428	-.00020	.00200	.00000	.31500	.04197
.200	12.410	.31350	.09300	.21860	.32620	.02351	.00010	.00120	-.00200	.40500	.04325
.200	14.550	.46240	.12280	.19370	.47850	.00270	.00050	.00000	-.00300	.50300	.04320
.200	16.690	.61420	.16490	.17010	.63570	-.01843	.00070	.00210	-.00300	.55300	.04458
.200	18.800	.75460	.21300	.14920	.78300	-.04152	.00170	.00310	-.00600	.58200	.04693
.200	20.950	.89290	.30430	.12520	.94270	-.03515	.00090	.00040	-.00300	.60500	.05118
.200	23.060	.98850	.36360	.10490	1.05200	-.03275	.00270	-.00050	-.00600	.61400	.05310
.200	25.140	1.06780	.42220	.09950	1.14600	-.07140	.00280	.00060	-.00900	.62000	.05594
.200	27.220	1.13410	.48860	.08980	1.23200	-.08440	.00250	.00070	-.01100	.62500	.05837
.200	29.230	1.18440	.55360	.08510	1.28630	-.08559	.00200	.00040	-.01500	.62700	.06695
.200	31.240	1.18220	.62780	.08120	1.33630	-.07739	.00190	.00140	-.01200	.62900	.07902
GRADIENT	.04978		.02815	-.00779	.05663	-.00605	.00013	.00002	-.00065	.01773	.00157

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BR.F = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = -10.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .068

PARAMETRIC DATA

RUN NO. 39/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	11.430	.36450	.08910	.17010	.37500	.01508	.00000	.00130	-.00100	.48500	.04209
.200	12.520	.43820	.10210	.16090	.44990	.00472	.00020	.00090	-.00200	.52000	.04253
.200	14.640	.58860	.13600	.13640	.60390	-.01714	.00050	-.00020	-.00300	.56800	.04345
.200	16.770	.73940	.18210	.11250	.76050	-.03894	.00090	.00110	-.00500	.59700	.04462
.200	18.900	.87540	.23420	.09150	.90400	-.06202	.00160	.00240	-.00700	.61400	.04567
.200	21.030	.99590	.33080	.06550	1.04830	-.04871	.00060	.00000	-.00100	.62900	.04835
.200	23.100	1.08100	.38880	.06130	1.14680	-.06656	.00230	.00010	-.00500	.63200	.05229
.200	25.230	1.16280	.45420	.05130	1.24550	-.08486	.00290	-.00020	-.01000	.63600	.05647
.200	27.290	1.23210	.52740	.04350	1.33670	-.09641	.00360	-.00090	-.01200	.64000	.05892
.200	29.320	1.24300	.58900	.04540	1.37230	-.09517	.00250	.00060	-.01900	.63900	.05915
.200	31.330	1.22530	.65070	.04540	1.38590	-.08189	.00140	.00350	-.01600	.64000	.06148
GRADIENT	.04646		.02943	-.00670	.05377	-.00538	.00013	.00008	-.00079	.00684	.00169

DATE 02 JUL 74

TABULATED SOURCE DATA - QM628

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QM628 B26C9G15M7F8 W16E28W85X9

(RDZ040) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = -5.000 ALLRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.AOS = .068

RUN NO. 40/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	11.550	.50700	.10190	.10320	.51710	-.00166	.00030	.00260	-.00400	.57800	.04269
.200	12.630	.58180	.11730	.09330	.59340	-.01287	.00060	.00220	-.00400	.59400	.04361
.200	14.750	.73040	.15620	.06920	.74620	-.03436	.00090	.00090	-.00500	.61800	.04479
.200	16.870	.87270	.20540	.04690	.89470	-.05673	.00160	.00200	-.00800	.63200	.04553
.200	19.020	1.00550	.27560	.02630	1.04040	-.08729	.00750	.00540	-.01700	.64200	.04652
.200	21.140	1.11560	.36430	.00910	1.17190	-.08272	.00130	.00090	-.00300	.64900	.05002
.200	23.240	1.19520	.42670	.00550	1.26670	-.07737	.00220	.00190	-.00700	.65000	.05322
.200	25.310	1.26720	.46640	-.00030	1.32570	-.06900	.00270	-.00120	-.01100	.65200	.05689
.200	27.370	1.31640	.56690	-.00420	1.42970	-.05176	.00360	-.00030	-.01600	.65300	.05938
.200	29.340	1.29760	.62140	.00460	1.43360	-.03424	.00260	.00160	-.00320	.65000	.07045
.200	31.390	1.33300	.69430	.00720	1.47420	-.05632	.00080	.00310	-.01500	.65000	.08767
GRADIENT	.04250	.00000	.00000	-.00518	.05041	-.00458	.00007	.00012	-.00067	.00324	.00181

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = 15.000 ALLRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.AOS = .068

QM628 B26C9G15M7F8 W16E28W85X9

(RDZ041) (07 JUN 74)

PARAMETRIC DATA

RUN NO. 41/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	11.900	.95730	.18440	-.11990	.97480	-.01707	.00040	.00090	-.00600	.69700	.04305
.200	12.930	1.02060	.20730	-.12590	1.04120	-.02643	.00080	.00100	-.00700	.69800	.04311
.200	15.070	1.14250	.25830	-.13720	1.17040	-.04767	.00150	-.00100	-.00900	.69500	.04491
.200	17.160	1.24940	.31110	-.14230	1.28550	-.07157	.00280	-.00140	-.00900	.69200	.04469
.200	19.290	1.36800	.41000	-.15960	1.42660	-.08517	.00400	.00130	-.00120	.69300	.04911
.200	21.400	1.43470	.49650	-.16760	1.51630	-.06098	.00740	-.00090	-.00600	.69100	.05184
.200	23.460	1.49790	.57720	-.16160	1.59780	-.05357	.00120	-.00040	-.00400	.68900	.05561
.200	25.530	1.54680	.65810	-.15720	1.67940	-.07239	.00490	-.00150	-.00300	.68600	.05972
.200	27.530	1.51450	.70140	-.12910	1.66720	-.07222	.00490	.00030	-.00400	.68700	.06465
.200	29.460	1.43340	.74270	-.09750	1.60340	-.05548	.00100	.00160	-.00400	.67400	.06409
.200	31.500	1.43600	.79980	-.11000	1.62200	-.05642	.00070	.00190	-.00200	.67200	.06403
GRADIENT	.02616	.00000	.00000	.00193	.03626	-.00122	.00003	.00002	-.00017	.00119	.00126

DATE 02 JUL 74

TABULATED SOURCE DATA - OA628

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OA628 B26C9G15M7F8 W16E28W8R5X9

(RDZ042) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 42/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEWON = 10.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .068

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	11.830	.86180	.15960	-.07200	.87620	-.02046	.00020	.00130	-.00600	.68200	.04294
.200	12.890	.93060	.18140	-.07990	.94760	-.03085	.00070	.00030	-.00700	.68300	.04329
.200	15.000	1.05970	.23180	-.09590	1.08360	-.05040	.00150	-.00110	-.01000	.68400	.04321
.200	17.120	1.17960	.28580	-.10840	1.21150	-.07420	.00120	-.00060	-.00900	.68400	.04459
.200	19.250	1.30390	.38340	-.12530	1.35740	-.06801	.00610	.00430	-.01700	.68600	.04492
.200	21.350	1.37700	.46230	-.12840	1.45100	-.07047	.00270	.00080	-.00900	.68400	.05156
.200	23.430	1.43900	.54150	-.12830	1.53570	-.07532	.00280	-.00140	-.01300	.68200	.05717
.200	25.510	1.49810	.62370	-.12940	1.62130	-.08275	.00500	-.00300	-.02100	.68100	.06124
.200	27.590	1.55250	.68100	-.11420	1.65600	-.09476	.00570	.00480	-.03600	.67700	.06640
.200	29.500	1.62970	.72060	-.08080	1.59920	-.07679	.00070	.01430	-.04200	.67000	.09158
.200	31.480	1.41850	.78820	-.07910	1.62130	-.06670	.00010	.00160	-.01600	.67000	.10199
GRADIENT		.03089	.03357	-.00062	.04048	-.00259	.00007	.00029	-.00129	-.00064	.00059

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 43/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEWON = 5.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .068

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	11.740	.75680	.13680	-.01940	.76880	-.02007	.00090	.00240	-.00900	.66100	.04303
.200	12.800	.82440	.15640	-.02830	.83850	-.03016	.00120	.00160	-.01000	.66400	.04284
.200	14.920	.96030	.20380	-.04680	.98040	-.05032	.00190	.00070	-.01200	.66900	.04336
.200	17.050	1.09330	.25850	-.06250	1.11820	-.07265	.00230	.00200	-.01300	.67200	.04437
.200	19.170	1.21180	.34130	-.08150	1.25660	-.07561	.01180	.00670	-.03000	.67600	.04794
.200	21.280	1.30170	.42680	-.09030	1.36750	-.07480	.00310	.00230	-.01200	.67600	.05130
.200	23.360	1.36010	.49820	-.09060	1.44610	-.08203	.00300	.00050	-.01500	.67500	.05550
.200	25.420	1.41880	.57720	-.09440	1.52920	-.08785	.00470	.00200	-.01900	.67400	.05846
.200	27.490	1.47090	.65280	-.08730	1.60620	-.10005	.00540	.00240	-.03000	.67200	.06395
.200	29.460	1.41100	.69500	-.06190	1.57040	-.08885	.00060	.01810	-.04600	.66600	.07883
.200	31.460	1.38880	.75850	-.05700	1.58050	-.07794	.00030	.00290	-.01900	.66500	.09720
GRADIENT		.03495	.03313	-.00029	.04405	-.00315	.00000	.00027	-.00019	.00017	.00218

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TABULATED SOURCE DATA - 04628

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04628 B26C9G15M7F8 W16E28V8R5X9

(RDZ044) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 44/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDGRK = 25.000
GF.POS = .068

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	11.650	.64740	.11880	.03280	.65800	-.01435	.00070	.00270	-.00800	.63300	.04268
.200	12.700	.71800	.13650	.02370	.73050	-.02477	.00100	.00220	-.00900	.64000	.04341
.200	14.840	.85760	.18020	.03370	.87510	-.04546	.00150	.00090	-.01100	.65000	.04356
.200	16.990	.99110	.23250	-.01190	1.01570	-.05735	.00210	.00220	-.01300	.65600	.04443
.200	19.100	1.10810	.30650	-.02970	1.14740	-.07713	.01020	.00650	-.02800	.66100	.04726
.200	21.210	1.21030	.38150	-.03940	1.26640	-.08211	.00870	.00370	-.02200	.66300	.04970
.200	23.250	1.26910	.45650	-.04240	1.34630	-.08165	.00290	.00050	-.01400	.66300	.05285
.200	25.380	1.35040	.53830	-.04880	1.45160	-.09262	.00450	-.00160	-.01800	.66400	.05754
.200	27.430	1.38710	.60510	-.04470	1.51540	-.10118	.00440	.00170	-.02600	.66300	.06150
.200	29.440	1.37020	.66160	-.03070	1.51850	-.09735	.00260	.01470	-.05200	.65900	.07995
.200	31.430	1.35090	.72880	-.02750	1.53270	-.08271	.00260	.00680	-.02800	.65200	.09127
GRADIENT		.03818	.03287	-.00392	.04469	-.00380	.00005	.00033	-.00039	.00013	.00012

04628 B26C9G15M7F8 W16E28V8R5X9

(RDZ045) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDGRK = 25.000
GF.POS = .035

RUN NO. 45/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	17.060	1.05200	.24460	-.02580	1.07740	-.07478	.00060	.00080	-.00600	.66000	.04532
.200	19.190	1.17970	.32810	-.04990	1.22200	-.07785	.00560	.00420	-.01200	.66700	.04659
.200	21.280	1.27450	.40500	-.06350	1.33460	-.08531	.00330	.00210	-.00900	.66900	.04880
.200	23.390	1.36040	.48550	-.07660	1.44140	-.09463	.00260	-.00080	-.00000	.67100	.05113
.200	25.510	1.44250	.57150	-.08950	1.54800	-.10553	.00450	-.00280	-.01600	.67300	.05327
.200	27.550	1.48810	.64310	-.09270	1.61770	-.11632	.00360	-.01070	-.01300	.67300	.05626
.200	29.490	1.41100	.68710	-.07670	1.56650	-.09669	.00000	.00410	-.04000	.67000	.07300
GRADIENT		.03214	.03657	-.00454	.04261	-.00282	-.00002	.00042	-.00209	.00180	.00213

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TABULATED SOURCE DATA - QM62B

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Q62B B26C9G15M7F8 W16E28V8R5X9

(RDZ146) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0403 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = 25.000
GP.FOS = .035

PARAMETRIC DATA

RUN NO. 46/0 RNVL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	17.050	1.05180	.24470	-.02730	1.07730	-.07452	.00070	.00060	-.00600	.66100	.04490
.200	19.230	1.18970	.33700	-.05710	1.23430	-.07377	.00220	.00330	-.00700	.66900	.04762
.200	21.310	1.28200	.40710	-.07010	1.34230	-.06860	.00230	.00180	-.00700	.67100	.05026
.200	23.400	1.36930	.48850	-.08390	1.45070	-.09573	.00290	-.00030	-.01000	.67300	.05322
.200	25.530	1.43990	.57060	-.09580	1.54530	-.10572	.00420	-.00250	-.01600	.67400	.05241
.200	27.590	1.49460	.64590	-.09820	1.62380	-.11975	.00330	.00020	-.01900	.67400	.05709
.200	29.510	1.42820	.69590	-.08110	1.58570	-.09802	.00150	.01260	-.04000	.67000	.07987
GRADIENT		.03271	.03663	-.00466	.04316	-.00313	.00011	.00042	-.00230	.00070	.00214

Q62B B26C9G15M7F8 W16E28V8R5X9

(RDZ149) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0403 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = 25.000
GP.FOS = .035

PARAMETRIC DATA

RUN NO. 49/0 RNVL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	17.070	1.05740	.24610	-.02700	1.08300	-.07517	.00060	.00030	-.00700	.66100	.04541
.200	19.170	1.18750	.33690	-.05420	1.23230	-.07172	.00230	.00330	-.00700	.66800	.04740
.200	21.290	1.28390	.40860	-.06670	1.34470	-.08553	.00220	.00130	-.00700	.67000	.04970
.200	23.390	1.36270	.48680	-.07950	1.44400	-.09423	.00240	-.00090	-.01000	.67200	.05280
.200	25.480	1.44460	.57150	-.09250	1.54990	-.10549	.00380	-.00330	-.01500	.67400	.05360
.200	27.540	1.48990	.64460	-.09490	1.61910	-.11750	.00350	-.00110	-.01900	.67300	.05713
.200	29.510	1.43020	.69430	-.07990	1.58670	-.10046	.00170	.01400	-.04500	.67000	.08205
GRADIENT		.03247	.03646	-.00459	.04286	-.00323	.00013	.00046	-.00249	.00071	.00227

DATE 02 JUL 74 TABULATED SOURCE DATA - 0A628

(RD2050) (07 JUN 74)

0A628 B26C9G15M7F8 M16E28W8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA =
ELEWON =
RUDDER =
GP.FOS =

BDFLAP = -12.000
AILRON = .000
SPDRK = 25.000
GP.FOS = .035

PARAMETRIC DATA

RUN NO. 50/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	17.130	1.14390	.26670	-.07440	1.17170	-.08213	-.00020	.00010	-.00500	.67500	.04527
.200	19.250	1.27590	.36050	-.10600	1.32340	-.08047	.00310	.00170	-.00900	.68000	.04773
.200	21.360	1.36310	.43950	-.11140	1.42950	-.08733	.00310	.00160	-.01000	.68000	.05003
.200	23.450	1.44410	.52570	-.12340	1.53400	-.09237	.00340	-.00190	-.01200	.68100	.05256
.200	25.520	1.51490	.60900	-.13110	1.62950	-.10322	.00430	-.00290	-.01700	.68100	.05363
.200	27.580	1.54440	.67890	-.12890	1.68320	-.11342	.00460	.00040	-.02500	.68000	.05539
.200	29.530	1.45120	.72570	-.10760	1.61790	-.08822	.00050	.01390	-.04400	.67600	.08694
GRADIENT		.02794	.03741	-.00307	.03909	-.00174	.00011	.00058	-.00267	.00008	.00260

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA =
ELEWON =
RUDDER =
GP.FOS =

BDFLAP = -12.000
AILRON = .000
SPDRK = 25.000
GP.FOS = .035

PARAMETRIC DATA

RUN NO. 51/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	17.200	1.21630	.29000	-.11150	1.24770	-.08272	-.00090	-.00130	-.00200	.68500	.04442
.200	19.320	1.35200	.38710	-.13650	1.40400	-.08216	.00300	-.00050	-.00900	.68700	.04873
.200	21.410	1.43020	.47030	-.14520	1.50320	-.08437	.00360	.00020	-.01000	.68700	.05123
.200	23.510	1.50920	.56250	-.15690	1.60830	-.08624	.00370	-.00380	-.01200	.68800	.05387
.200	25.580	1.56150	.63990	-.15870	1.68470	-.09709	.00370	-.00390	-.01700	.68600	.05559
.200	27.600	1.55940	.70250	-.14800	1.70750	-.09998	.00390	.00930	-.04000	.68400	.05684
.200	29.550	1.46880	.74650	-.12960	1.64590	-.07508	.00040	.00940	-.04000	.68100	.08694
GRADIENT		.02277	.03760	-.00161	.03452	-.00046	.00011	.00081	-.00316	-.00032	.00337

DATE 02 JUL 74 TABULATED SOURCE DATA - QM62B

(RDZ052) (07 JUN 74)

QM62B B26C9G15WTF8 W16E26W8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0000 BOFLAP = -12.0000
ELEVON = 15.0000 AILRON = .0000
RUDDER = .0000 SPDPRK = 25.0000
GP.POS = .0335

PARAMETRIC DATA

RUN NO. 52/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	17.220	1.27400	.31210	-1.14430	1.30930	-.07914	-.00190	.00010	.00000	.69200	.04412
.200	19.350	1.39870	.41270	-1.16460	1.45640	-.07406	.00320	.00000	-.01000	.69300	.04724
.200	21.440	1.47440	.50240	-1.17370	1.55600	-.07132	.00220	-.00090	-.00800	.69300	.04989
.200	23.510	1.54760	.58570	-1.18230	1.65280	-.06840	.00230	-.00310	-.01300	.69200	.05508
.200	25.600	1.60670	.67400	-1.18570	1.74020	-.06668	.00420	-.00530	-.02100	.69100	.05752
.200	27.560	1.64090	.71390	-1.16310	1.69630	-.06814	.00370	.02220	-.06600	.68700	.08571
.200	29.520	1.47480	.77150	-1.15160	1.66310	-.05616	-.00040	.00670	-.03600	.68500	.09627
GRADIENT		.01799	.03746	-.00459	.03027	.00070	.00015	.00103	-.00405	-.00060	.00417

(RDZ053) (07 JUN 74)

QM62B B26C9G15WTF8 W16E26W8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0000 BOFLAP = -12.0000
ELEVON = 15.0000 AILRON = .0000
RUDDER = .0000 SPDPRK = 25.0000
GP.POS = .0335

PARAMETRIC DATA

RUN NO. 53/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	17.240	1.31190	.32040	-1.16440	1.34790	-.08292	-.00070	.00020	-.00300	.69700	.04591
.200	19.350	1.43320	.42190	-1.18590	1.49200	-.07680	.00400	-.00020	-.01200	.69800	.04993
.200	21.450	1.50420	.50970	-1.19390	1.58650	-.07572	.00320	-.00120	-.01200	.69700	.05292
.200	23.520	1.57310	.59360	-1.20230	1.67940	-.08368	.00260	-.00440	-.01300	.69600	.05628
.200	25.650	1.62000	.67880	-1.20260	1.75420	-.08943	.00500	-.00570	-.02300	.69400	.05982
.200	27.550	1.54010	.72200	-1.17460	1.69950	-.07241	.00270	.02740	-.07700	.68900	.09016
.200	29.530	1.48960	.77580	-1.16270	1.67840	-.05921	-.00150	.00580	-.03000	.68700	.10021
GRADIENT		.01529	.03723	.00027	.02766	.00112	-.00005	.00116	-.00195	-.00088	.00432



DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B26C9G15MTF8 W16E26WR5X9

(RDZ034) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = 5.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .035

PARAMETRIC DATA

RUN NO. 54/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	17.120	1.15400	.26770	-.07910	1.18170	-.06391	.00020	.00010	-.00100	.67600	.04484
.200	19.280	1.29590	.36340	-.10850	1.34320	-.08493	.00290	.00160	-.00800	.68100	.04806
.200	21.360	1.38160	.44290	-.12540	1.44800	-.09370	.00310	.00220	-.01000	.68200	.05133
.200	23.470	1.46250	.53150	-.13330	1.55320	-.09453	.00340	-.00100	-.01100	.68300	.05274
.200	25.540	1.52860	.61210	-.14010	1.64310	-.10680	.00410	-.00250	-.01700	.68300	.05455
.200	27.580	1.55860	.68470	-.13670	1.69850	-.11473	.00410	.00230	-.02000	.68400	.06010
.200	29.520	1.45950	.72320	-.11470	1.62840	-.08920	.00190	.01190	-.04400	.67800	.06905
	GRADIENT	.02763	.03761	-.00320	.03884	-.00110	.00015	.00054	-.00274	.00313	.00273

04628 B26C9G15MTF8 W16E26WR5X9

(RDZ055) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = -5.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .035

PARAMETRIC DATA

RUN NO. 55/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	16.960	.94270	.22280	.03060	.96670	-.06184	.00180	.00160	-.00800	.64000	.04643
.200	19.100	1.07700	.31040	.04020	1.11920	-.05920	.00230	.00360	-.00200	.65200	.04821
.200	21.210	1.17850	.37840	-.01520	1.23560	-.07366	.00220	.00120	-.00700	.65600	.05009
.200	23.320	1.26920	.44830	-.02760	1.34300	-.09086	.00330	.00070	-.01200	.65900	.05329
.200	25.380	1.34400	.52360	-.04120	1.43870	-.10302	.00390	-.00080	-.01500	.66200	.05509
.200	27.480	1.41320	.60500	-.05040	1.53290	-.11559	.00490	-.00080	-.02000	.66400	.05652
.200	29.480	1.38870	.66400	-.04300	1.53570	-.10542	.00150	.01240	-.03600	.66200	.07418
	GRADIENT	.03729	.03519	-.00597	.04688	-.00467	.00010	.00036	-.00137	.00165	.00119

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TABULATED SOURCE DATA - 04628

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04628 B26C9G15M7F8 W16E28WR5X9

(RDZ056) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = -10.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .035

RUN NO. 56/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	16.860	.81560	.20250	.09480	.83930	-.04278	.00220	.00120	-.00900	.61000	.04827
.200	18.990	.95540	.26850	.06460	.99450	-.05825	.00890	.00300	-.02200	.62800	.04991
.200	21.110	1.07640	.35000	.03830	1.13020	-.06122	.00290	-.00070	-.00700	.63900	.05136
.200	23.200	1.16620	.41240	.02460	1.23440	-.08337	.00350	-.00070	-.01100	.64400	.05312
.200	25.280	1.25320	.48600	.00640	1.34070	-.09578	.00460	-.00190	-.01600	.65000	.05600
.200	27.370	1.31430	.56880	-.00400	1.42500	-.10639	.00360	.00000	-.01700	.65300	.05746
.200	29.370	1.31820	.62530	-.00560	1.45550	-.10171	.00260	.01040	-.03600	.65300	.07121
GRADIENT		.04104	.03402	-.00206	.05002	-.00527	-.00013	.00034	-.00143	.00326	.00151

04628 B26C9G15M7F8 W16E28WR5X9

(RDZ057) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = -10.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .035

RUN NO. 57/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	16.860	.80030	.19780	.10730	.82330	-.04201	.00070	.00150	-.00700	.60400	.04706
.200	18.980	.94550	.26300	.07610	.97960	-.05387	.00780	.00360	-.01900	.62000	.04977
.200	21.060	1.06350	.34610	.04570	1.11870	-.05992	.00210	.00000	-.00700	.63700	.05241
.200	23.160	1.15900	.40800	.03000	1.22610	-.08080	.00280	.00000	-.01100	.64300	.05312
.200	25.270	1.25440	.48470	.01780	1.34120	-.09729	.00340	-.00110	-.01500	.64900	.05613
.200	27.400	1.31240	.55890	-.00190	1.42240	-.10784	.00340	-.00150	-.01600	.65200	.05733
.200	29.340	1.33110	.62200	-.00350	1.46810	-.10496	.00240	.00770	-.02900	.65300	.07100
GRADIENT		.04296	.03444	-.00094	.05193	-.00554	-.00004	.00012	-.00115	.00371	.00157

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TABULATED SOURCE DATA - Q4628

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Q4628 B26C9G15M7F8 W16E29W8R5X9

(R0Z059) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = -15.000 AIRPON = .000
RUDDER = .000 SPDBRK = 25.000
GP.FOS = .035

RUN NO. 58/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	XCF/L	CAB
.200	16.770	.69320	.18520	.15900	.71720	-.02268	.00090	.00160	.57000	.04793
.200	18.940	.84130	.24440	.12540	.87510	-.04191	.00600	.00320	.59900	.05003
.200	21.040	.97460	.32640	.08870	1.02690	-.04527	.00180	-.00060	.62000	.05261
.200	23.150	1.07820	.36670	.06940	1.14320	-.06890	.00270	.00000	.62900	.05491
.200	25.230	1.15820	.44980	.05230	1.23940	-.08621	.00310	-.00100	.63600	.05614
.200	27.300	1.22770	.52340	.03870	1.33100	-.09808	.00300	-.00110	.64100	.05783
.200	29.340	1.28590	.59150	.03000	1.36810	-.09148	.00300	-.00200	.64300	.06519
GRADIENT		.04423	.03242	-.01005	.05256	-.01610	.00003	-.00012	.00546	.00121

Q4628 B26C9G15M7F8 W16E29W8R5X9

(R0Z059) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = -20.000 AIRPON = .000
RUDDER = .000 SPDBRK = 25.000
GP.FOS = .035

RUN NO. 59/0 RN/L = 1.42 GRADIENT INTERVAL = -5.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	XCF/L	CAB
.200	16.670	.57190	.17390	.21740	.59770	-.01255	.00090	.00190	.51810	.05014
.200	18.800	.72750	.22670	.18160	.76180	-.01994	.00430	.00270	.56400	.05241
.200	20.950	.87400	.30730	.13710	.92610	-.02561	.00100	-.00040	.59710	.05473
.200	23.070	.99100	.36750	.10130	1.05570	-.05027	.00300	.00090	.61300	.05661
.200	25.160	1.08710	.42850	.08830	1.16610	-.07436	.00350	-.00130	.62400	.06330
.200	27.250	1.15100	.49750	.07300	1.25110	-.08478	.00310	-.00140	.63100	.06142
.200	29.280	1.17310	.56230	.06880	1.29560	-.08192	.00240	-.00210	.63210	.06676
GRADIENT		.04653	.03101	-.01207	.05628	-.00734	.00002	-.00011	.00573	.00122

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TABULATED SOURCE DATA - OM62B

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OM62B B26C9G15M7F8 W16E28V8R5X9

(RDZ060) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.000
 ELEVON = -30.000 AILRON = .000
 RUDDER = .0000 SPDBRK = 25.000
 GP.POS = .035

RUN NO. 60/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	16.560	.44050	.17880	.26810	.47320	.04577	.00060	.00120	-.00200	.44300	.05774
.200	18.720	.57050	.22100	.24500	.61130	.02626	.00250	.00100	-.00600	.50400	.05922
.200	20.860	.70600	.28900	.21270	.76260	.01868	.00330	.00000	-.00100	.54900	.06091
.200	22.950	.82170	.34120	.18110	.88970	-.00630	.00210	-.00110	-.00400	.57700	.06203
.200	25.050	.92890	.39930	.15230	1.01070	-.03156	.00210	-.00080	-.00700	.59600	.06577
.200	27.130	1.01240	.46400	.13140	1.11260	-.04879	.00150	.00050	-.00900	.60800	.06931
.200	29.180	1.03300	.52550	.13490	1.15810	-.04489	.00240	.00000	-.01100	.60900	.07174
GRADIENT		.04905	.02779	-.00169	.05620	-.00803	.00009	-.00009	-.00061	.01283	.00114

OM62B B26C9G15M7F8 W16E28V8R5X9

(RDZ061) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.000
 ELEVON = -40.000 AILRON = .000
 RUDDER = .0000 SPDBRK = 25.000
 GP.POS = .035

RUN NO. 61/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	16.550	.43630	.21160	.25730	.47820	.07862	.00040	.00080	-.00200	.45400	.06318
.200	18.640	.54520	.25610	.24040	.59850	.06836	.00080	-.00020	-.00200	.50400	.06420
.200	20.760	.65890	.30570	.21830	.72450	.05232	.00070	-.00090	-.00200	.54100	.06489
.200	22.890	.76510	.35890	.19500	.84450	.03303	.00190	-.00240	-.00300	.56700	.06669
.200	24.940	.86140	.39630	.19370	.90200	.01765	.00260	-.00080	-.00400	.57300	.06863
.200	27.040	.90110	.46020	.17020	1.01190	.00021	.00260	-.00010	-.00600	.59000	.07019
.200	29.100	.95320	.52090	.16420	1.08620	-.00840	.00190	.00100	-.00800	.59600	.07619
GRADIENT		.04122	.02433	-.00758	.04826	-.00737	.00017	.00001	-.00048	.01075	.00093

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TABULATED SOURCE DATA - OM62B

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OM62B B26C9G15W7F8J43W16E28W85X10

(RDZ562) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0005 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 GP.POS = .035

PARAMETRIC DATA

RUN NO. 62/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	17.030	1.04690	.26490	.06370	1.04030	-.74138	.00060	.00180	-.00000	.62900	.05036
.200	19.130	1.09370	.31650	.05200	1.13700	-.05934	-.00080	.00050	-.00000	.63500	.05116
.200	21.230	1.18830	.38700	.03180	1.24780	-.07052	.00170	.00130	-.01300	.64200	.05327
.200	23.330	1.27690	.48270	.01120	1.36370	-.06251	.00260	.00000	-.01100	.64900	.05438
.200	25.430	1.33500	.57160	-.00300	1.45110	-.05653	.00080	-.00050	-.01000	.65200	.05701
.200	27.490	1.38520	.65520	-.01160	1.54010	-.06237	-.00110	.00160	-.01300	.65400	.06258
.200	29.530	1.41520	.72210	-.01520	1.58780	-.06966	.00000	.00000	-.01400	.65500	.07566
GRADIENT		.03391	.03830	-.01664	.04549	-.00022	-.00006	-.00004	-.00004	.00216	.00176

OM62B B26C9G15W7F8J43W16E28W85X10

(RDZ563) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0005 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000
 GP.POS = .035

PARAMETRIC DATA

RUN NO. 63/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	17.060	1.01710	.26150	.05320	1.04910	-.04838	.00020	.00200	-.00000	.63200	.04781
.200	19.160	1.10650	.31440	.04250	1.14840	-.06610	-.00110	.00100	-.00030	.63800	.04975
.200	21.260	1.20480	.38630	.02230	1.26290	-.07668	.00160	.00130	-.01400	.64500	.05237
.200	23.340	1.28960	.48180	.00700	1.37500	-.06857	.00020	.00040	-.01200	.65200	.05372
.200	25.440	1.35050	.57100	-.01400	1.46480	-.06449	.00000	.00030	-.01300	.65500	.05620
.200	27.490	1.40970	.65440	-.02330	1.55260	-.07032	-.00000	.00170	-.01100	.65800	.06362
.200	29.590	1.43440	.72760	-.02800	1.61670	-.07565	.00000	.00230	-.01000	.65800	.07564
GRADIENT		.03430	.03872	-.00721	.04592	-.00034	-.00004	.00112	-.00006	.00219	.00190

(RDZ064) (07 JUN 74)

0462B B26C0G15W7F8J43M16E28W85X10

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 15.000 AILRON = .000
RUDDER = .000 SPDRK = .000
GP.FOS = .035

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 64/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	17.210	1.21240	.32810	-.05640	1.25530	-.04542	-.00100	-.00100	-.00200	.66800	.04649
.200	19.330	1.30530	.39640	-.06690	1.36140	-.05823	-.00060	.00070	-.01000	.67000	.04991
.200	21.447	1.39920	.49630	-.08710	1.48370	-.07495	-.00010	-.00050	-.01100	.67300	.05316
.200	23.490	1.46100	.58930	-.10800	1.57800	-.08455	-.00060	-.00150	-.01200	.67500	.05610
.200	25.600	1.50470	.67420	-.12950	1.64830	-.09432	-.00030	-.00050	-.01300	.67500	.05913
.200	27.610	1.53120	.75210	-.15120	1.70550	-.09434	-.00020	.00000	-.01100	.67500	.07258
.200	29.620	1.52710	.81430	-.17740	1.73000	-.09476	.00000	.00120	-.01900	.67500	.08832
GRADIENT		.02597	.04153	-.10436	.03929	.02055	.00000	.00011	-.00000	.00057	.00307

(RDZ065) (07 JUN 74)

0462B B26C0G15W7F8J43M16E28W85X10

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPDRK = .000
GP.FOS = .035

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 65/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	16.880	.79900	.21790	.16390	.82720	-.02354	.00000	.00100	-.00000	.57600	.04937
.200	19.000	.91770	.26960	.14660	.95550	-.04402	-.00050	.00050	-.00400	.59500	.05020
.200	21.100	1.02210	.33120	.12200	1.07250	-.06103	-.00020	.00000	-.00600	.61000	.05224
.200	23.190	1.11120	.40610	.09360	1.18130	-.08440	.00030	.00140	-.01600	.62200	.05565
.200	25.310	1.18220	.49440	.07630	1.29090	-.09587	-.00120	.00070	-.01000	.63000	.05817
.200	27.370	1.25530	.57710	.05820	1.39010	-.09647	-.00000	.00070	-.00900	.63600	.06069
.200	29.420	1.31350	.65070	.03160	1.45500	-.07354	.00020	-.00150	-.00600	.63900	.06991
GRADIENT		.04030	.03554	-.00986	.05037	-.00025	-.00002	-.00011	-.00014	.00497	.00151



04628 B26C9G15M7F8J43M16E28V8R5X10

REFERENCE DATA

SREF = 4.4119 SQ.FT.

YREF = 19.2299 INCHES

BREF = 37.9359 INCHES

SCALE = 1.5405 SCALE

YMRP = 43.5974 INCHES

YMRP = .0000 INCHES

ZMRP = 15.1875 INCHES

BETA = .000

ELEVON = -20.000

RUDDER = .000

GP.FOS = .035

BDFLAP = -12.000

AILRON = .000

SPOBRK = .000

RUN NO. 66/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	16.700	.57550	.19200	.27750	.62650	.01850	.00000	.00170	-.00600	.48300	.05180
.200	18.400	.71790	.23940	.24490	.75670	-.00589	.00000	.00340	-.00800	.53300	.05335
.200	20.100	.86680	.31490	.19810	.92210	-.01636	.00000	-.00030	-.00900	.57300	.05806
.200	23.060	.95240	.36490	.17180	1.01920	-.03737	.00000	.00090	-.01400	.59000	.05877
.200	25.150	1.03240	.44200	.14380	1.12780	-.04418	.00000	.00140	-.01400	.60500	.05990
.200	27.250	1.11920	.52320	.12850	1.23460	-.04746	-.00000	.00140	-.01800	.61300	.06333
.200	29.320	1.15930	.58860	.12370	1.29550	-.05428	.00000	.00170	-.01000	.61700	.06894
	GRADIENT	.04638	.03200	-.05123	.05508	-.00060	.00000	-.00009	-.00039	.00011	.00122

04628 B26C9G15M7F8J43M16E28V8R5X10

(RDZ167) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT.

YREF = 19.2299 INCHES

BREF = 37.9359 INCHES

SCALE = 1.5405 SCALE

YMRP = 43.5974 INCHES

YMRP = .0000 INCHES

ZMRP = 15.1875 INCHES

BETA = .000

ELEVON = -20.000

RUDDER = .000

GP.FOS = .125

BDFLAP = -12.000

AILRON = .000

SPOBRK = .000

RUN NO. 67/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	16.700	.57550	.19200	.27750	.62650	.01850	.00000	.00150	.00600	.48300	.05180
.200	18.400	.71790	.23940	.24490	.75670	-.00589	.00000	.00160	.01300	.53300	.05347
.200	20.100	.86680	.31490	.19810	.92210	-.01636	.00000	.00200	.01300	.57300	.05721
.200	23.060	.95240	.36490	.17180	1.01920	-.03737	.00000	.00210	.01200	.59000	.05702
.200	25.150	1.03240	.44200	.14380	1.12780	-.04418	.00000	.00210	.01100	.60500	.05864
.200	27.250	1.11920	.52320	.12850	1.23460	-.04746	-.00000	.00280	.01200	.61300	.05925
.200	29.320	1.15930	.58860	.12370	1.29550	-.05428	.00000	.00260	.01200	.61700	.06098
	GRADIENT	.04638	.03200	-.05123	.05508	-.00060	.00000	.00270	.00000	.44500	.04569
								.00000	.00000	.49200	.04551
								.00000	.00000	.52700	.04661
								.00000	.00000	.55800	.05074
								.00000	.00000	.56900	.05390
								.00000	.00000	.57800	.05751
								.00000	.00000	.58400	.06140
								.00000	.00000	.58900	.06663
								.00000	.00000	.59000	.07128

Q4628 B26C9615W7F8J43W16E28W8R5X10

(RDZ068) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPDBRK = .000
GP.POS = .125

RUN NO. 68/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	2.930	-1.1430	.07810	.18320	-.13970	.08539	-.00140	.00150	.00400	1.13400	.03980
.200	4.920	-.07340	.07460	.18240	-.06800	.07958	-.00130	.00170	.00300	1.63900	.03955
.200	6.120	.05750	.07280	.17810	.06490	.06626	-.00110	.00180	.00200	-.35600	.03916
.200	8.240	.18620	.07940	.17630	.19560	.05190	-.00100	.00170	.00000	.32000	.03894
.200	10.340	.30610	.09210	.17490	.31770	.03563	-.00080	.00210	.00000	.44900	.03912
.200	12.460	.42430	.11260	.17300	.43860	.01838	-.00040	.00250	-.00300	.50700	.04022
.200	14.600	.54340	.14400	.17090	.56210	.00237	-.00020	.00190	-.00300	.54000	.04207
.200	16.710	.66030	.18290	.16740	.68500	-.01471	-.00010	.00220	-.00500	.56200	.04417
.200	18.830	.77380	.22910	.16130	.80630	-.03298	-.00050	.00250	-.00500	.57800	.04588
.200	20.940	.88790	.29930	.14800	.93620	-.03785	-.00060	-.00040	-.01500	.59300	.04891
.200	23.020	.96610	.37270	.13960	1.03490	-.03484	-.00090	-.00020	-.00400	.60200	.05209
.200	25.110	1.03140	.42470	.13670	1.11410	-.05328	.00700	.00140	-.01800	.60600	.05428
.200	27.160	1.07780	.49710	.13930	1.18580	-.04981	.00170	.00040	-.01100	.60800	.05882
.200	29.220	1.11270	.56350	.14280	1.24620	-.05156	.00030	-.00050	-.00500	.60900	.06529
.200	31.250	1.14120	.62770	.13930	1.30130	-.05562	.00130	.00020	-.00800	.61200	.06980
GRADIENT	.06468	-.00321	-.00073	.06378	.00533	-.00533	.00009	.00018	-.00092	.46330	-.00023

OA628 B26C9G15M7F8J43M16E28V8R5X10

(R02069) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEWON = 15.000 AILRON = .000
RUDDER = .000 SPDPRK = .000
GP.FOS = .125

RUN NO. 69/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	3.420	.45840	.09190	-.07270	.46310	.06435	-.00110	.00140	.00300	.70900	.04649
.200	4.530	.52820	.10010	-.07670	.53450	.05809	-.00120	.00180	.00200	.70400	.04523
.200	6.590	.64380	.11810	-.07830	.65310	.04344	-.00100	.00170	.00100	.69600	.04423
.200	8.700	.74950	.14280	-.07630	.76250	.02771	-.00090	.00180	-.00100	.68800	.04281
.200	10.810	.85760	.17560	-.07430	.87530	.01163	-.00080	.00130	-.00100	.68300	.04351
.200	12.920	.96170	.21770	-.07120	.98600	-.00291	-.00070	.00140	-.00300	.67800	.04424
.200	15.020	1.05560	.26580	-.06530	1.08840	-.01683	-.00080	.00190	-.00500	.67400	.04384
.200	17.070	1.12810	.31070	-.05410	1.16960	-.03423	-.00010	-.00140	-.00500	.66900	.04647
.200	19.160	1.19720	.36540	-.04510	1.25080	-.04781	-.00060	.00290	-.00700	.66500	.04953
.200	21.230	1.26370	.42960	-.03740	1.33350	-.05731	.00020	-.00010	-.01000	.66200	.05243
.200	23.310	1.30630	.52140	-.03400	1.40600	-.03816	-.00080	-.00150	-.01000	.66100	.05627
.200	25.350	1.32560	.59790	-.02640	1.45400	-.02729	.00020	-.00250	-.01000	.65800	.06165
.200	27.370	1.32780	.65760	-.01480	1.48150	-.02663	-.00080	.00000	-.01000	.65500	.07048
.200	29.410	1.32580	.71340	.00060	1.50530	-.02959	.00000	-.00220	-.00700	.65200	.08250
.200	31.420	1.34170	.77950	-.00040	1.55140	-.03441	.00210	.00090	-.02200	.65200	.08633
GRADIENT		.06288	.00739	-.00360	.06432	-.00564	-.00009	.00036	-.00090	-.00450	-.00314

04628 B26C9G15HTF8J43W16E28WR5X10

(R0Z07G) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFAP = -12.000
 ELEVON = .0000 AILRON = .000
 RUDDER = .0000 SPDRK = .000
 GP.POS = .125

RUN NO. 70/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	3.150	.11850	.07560	.07500	.12220	.06403	-.00080	.00280	.00000	.42600	.04281
.200	4.210	.18460	.07180	.07270	.18940	.05805	-.00070	.00280	.00000	.51000	.04263
.200	6.340	.31720	.07970	.06800	.32410	.04423	-.00070	.00290	.00000	.57400	.04169
.200	8.440	.44080	.09440	.05520	.44990	.02865	-.00070	.00310	.00100	.59800	.04131
.200	10.560	.55810	.11540	.05450	.56980	.01108	-.00050	.00320	-.00200	.61000	.04206
.200	12.690	.66900	.14650	.05520	.68480	-.00004	-.00030	.00310	-.00300	.61700	.04199
.200	14.800	.78230	.18590	.06350	.80390	-.02017	-.00020	.00260	-.00500	.62300	.04325
.200	16.890	.89380	.23140	.06200	.91960	-.03762	-.00020	.00290	-.00600	.62700	.04554
.200	18.990	.98180	.28160	.06300	1.01960	-.05431	-.00020	.00060	-.00600	.62900	.04728
.200	21.070	1.07390	.35920	.05460	1.11310	-.05096	.00240	.00170	-.01300	.63400	.05067
.200	23.160	1.13450	.41820	.05940	1.20440	-.06903	.00551	.00140	-.01800	.63300	.05230
.200	25.230	1.18470	.49400	.05940	1.28220	-.05814	.00120	-.00050	-.01100	.63500	.05602
.200	27.270	1.21550	.56860	.06570	1.34090	-.05169	.00030	-.00080	-.00900	.63400	.06479
.200	29.310	1.22460	.62770	.07230	1.37510	-.05218	-.00070	-.00120	-.00200	.63200	.07185
.200	31.350	1.25290	.69550	.06900	1.43190	-.05797	.00180	.00050	-.01400	.63400	.07594
GRADIENT		.06236	.00113	-.00217	.06340	-.00564	.00009	.00000	.00000	.07925	-.00017

OM62B B26C9G15W7F8J43W16E28W8R5X00

(RDZ071) (07 JUN 74)

REFERENCE DATA

SREF = 4.419 SQ.FT. XMRP = 43.9974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 22.000
ELEVON = .000 AIRLON = .000
RUDDER = .000 SPDBRK = .000
GP.FOS = .125

RUN NO. 71/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	3.240	.23480	.07280	.0260	.23850	.05941	-.00040	.00260	.00000	.63200	.04252
.200	4.310	.30800	.07620	.00750	.31280	.05282	-.00030	.00250	.00000	.64300	.04341
.200	6.420	.44280	.08930	-.00050	.45000	.03915	-.00040	.00260	.00000	.65200	.04501
.200	8.550	.57030	.10950	-.00760	.58730	.02746	-.00030	.00290	-.00200	.65700	.04600
.200	10.700	.69410	.14070	-.01350	.70820	.00936	-.00010	.00280	-.00300	.65900	.04625
.200	12.750	.80720	.17630	-.01790	.82620	-.00626	.00020	.00260	-.00550	.66000	.04782
.200	14.890	.92550	.22400	-.02360	.95200	-.02149	.00000	.00240	-.00700	.66100	.04878
.200	16.980	1.02970	.27520	-.02640	1.06520	-.03762	.00090	.00180	-.01000	.66100	.04980
.200	19.100	1.12800	.33550	-.02880	1.17570	-.05221	.00010	.00100	-.00700	.66100	.05158
.200	21.200	1.21910	.41180	-.03700	1.28560	-.05697	.00500	.00160	-.02200	.66200	.05664
.200	23.280	1.28080	.48460	-.03950	1.36810	-.06110	.00240	.00110	-.01500	.66200	.05913
.200	25.370	1.33500	.58110	-.04160	1.45520	-.04696	.00070	-.00150	-.01100	.66200	.06249
.200	27.390	1.35630	.65620	-.04130	1.50620	-.04141	-.00060	-.00010	-.00800	.66200	.06743
.200	29.440	1.39930	.73590	-.04030	1.58720	-.04698	-.00050	-.00140	-.00400	.66100	.07598
.200	31.490	1.42610	.81400	-.04600	1.64130	-.05099	.00200	-.00050	-.01200	.66200	.08251
GRADIENT		.06841	.00318	-.00477	.06974	-.00616	.00009	-.00009	.00000	.01028	.00083

04628 826C9G15HTF8 J43W16E28V8R5 X10

(RDZ072) (07 JUN 74)

REFERENCE DATA

SFEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = 22.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000
GP.POS = .285

RUN NO. 72 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.230	-2.5580	.07880	-.00680	-.26100	-.05974	-.00080	.00290	.00400	.64200	-.04023
.200	-2.150	-.13000	.07100	-.00290	-.13260	.06612	-.00050	.00260	.00200	.64300	.03982
.200	-1.030	-.06830	.06770	-.00170	-.06960	.06642	-.00030	.00250	.00000	.64200	.04123
.200	-.010	-.00740	.06640	-.00150	-.00750	.06644	-.00030	.00250	.00000	.62500	.04012
.200	1.020	.05210	.06550	.00020	.05330	.06457	-.00030	.00240	.00000	.65000	.04139
.200	2.070	.11240	.06550	.00120	.11470	.06138	-.00020	.00230	.00000	.64800	.04058
.200	4.170	.22850	.07030	.00280	.23400	.05351	-.00040	.00230	.00000	.64700	.03970
.200	6.270	.34450	.08160	.00350	.35130	.04343	-.00040	.00230	.00000	.64800	.04012
.200	8.380	.45540	.09870	.00510	.46490	.03124	-.00050	.00250	.00200	.64500	.04021
.200	10.470	.56460	.12110	.00890	.57730	.01654	-.00040	.00250	-.00200	.64600	.04219
.200	12.580	.66920	.15050	.01210	.68590	.00120	.00000	.00270	-.00300	.64500	.04310
.200	14.680	.77760	.18930	.01440	.80040	-.01341	.00020	.00240	-.00500	.64500	.04422
.200	16.790	.89220	.24070	.01550	.92370	-.02734	.00030	.00250	-.00700	.64500	.04512
.200	18.890	.98600	.29310	.01750	1.02780	-.05701	.00130	.00190	-.00500	.64500	.04621
.200	20.980	1.06140	.35380	.01820	1.10640	-.05701	.00130	.00190	-.00200	.64500	.05024
.200	23.050	1.15100	.43730	.00940	1.23030	-.04839	.01110	.00510	-.03100	.64900	.05517
.200	25.140	1.20910	.50990	.01110	1.32110	-.05579	.00590	.00310	-.02200	.64900	.06215
.200	27.170	1.23820	.58230	.01860	1.36300	-.04770	.00090	.00000	-.01300	.64700	.06636
.200	29.200	1.25540	.65200	.03010	1.41390	-.04342	.00020	-.00020	-.01000	.64400	.07444
.200	31.230	1.26220	.71140	.02870	1.44820	-.04630	.00090	-.00070	-.01000	.64400	.08173
GRADIENT		.05760	-.00107	.00110	.05876	-.00022	.00015	-.00007	-.00045	.00085	-.00001

(R02073) (07 JUN 74)

04628 B26C9G15W7F8J43W116E28W8R5X1D

PARAMETRIC DATA

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000
 ELEVON = .000
 RUDDER = .000
 GF.POS = .285

BDFLAP = -12.000
 AILRON = .000
 SPDRK = .000

RUN NO. 73/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.280	-3.4450	.08370	.03350	-.34980	.05775	-.00170	.00300	.00700	.68700	.04116
.200	-2.150	-2.0970	.07330	.03510	-.21230	.06115	-.00110	.00260	.00400	.71300	.04071
.200	-1.120	-1.1470	.06980	.03650	-.14870	.06617	-.00110	.00260	.00300	.74200	.04072
.200	-.070	-.08540	.06710	.03820	-.11850	.06715	-.00110	.00240	.00300	.81600	.04001
.200	.990	-.02720	.06560	.03990	-.02600	.06717	-.00100	.00250	.00100	1.21600	.04018
.200	2.050	.03280	.06450	.04170	.03510	.06717	-.00090	.00240	.00100	.21400	.04032
.200	4.140	.14770	.06580	.04460	.15210	.06785	-.00080	.00240	.00000	.4400	.03969
.200	6.230	.25910	.07310	.04670	.26550	.06783	-.00080	.00230	.00100	.58700	.03833
.200	8.340	.37260	.08650	.04980	.38120	.06155	-.00080	.00260	.00000	.60400	.03902
.200	10.470	.48240	.11620	.05560	.49360	.06182	-.00060	.00260	.00000	.61000	.03933
.200	12.540	.58330	.13060	.06170	.59770	.06083	-.00050	.00290	.00000	.61400	.03990
.200	14.660	.69170	.16580	.06710	.71110	-.06165	-.00030	.00260	-.00300	.61700	.04139
.200	16.730	.79260	.20610	.07120	.81840	-.03078	-.00020	.00230	-.00500	.62000	.04300
.200	18.830	.88790	.25360	.07380	.92230	-.04672	-.00020	.00220	-.00500	.62100	.04497
.200	20.950	.97950	.30810	.08070	1.02490	-.06249	-.00120	.00190	-.00200	.62300	.04724
.200	23.040	1.04940	.33280	.07720	1.11980	-.04829	.00350	.00300	-.01300	.62600	.05151
.200	25.080	1.10110	.45290	.08260	1.18930	-.05650	.00190	.00350	-.02400	.62600	.05419
.200	27.120	1.12350	.51740	.09860	1.23580	-.05166	.00210	.00070	-.01200	.62300	.05821
.200	29.160	1.13350	.57380	.11180	1.26940	-.05135	.00000	.00040	-.00700	.61900	.06465
.200	31.180	1.11660	.62030	.12710	1.27640	-.04747	.00100	-.00010	-.00700	.61500	.07035
.200	GRADIENT	.05825	-.00211	.00138	.05941	-.00036	.00006	-.00007	-.00082	-.02488	-.00016

Q4828 B26C901547F8J43W116E28V8R5X0

(R02074) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0475 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
 ELEVON = 15.000 AILRON = .000
 RUDDER = .000 SPDRK = .000
 GP.POS = .285

RUN NO. 74/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.060	-0.01750	.07370	-0.59850	-0.02260	.07228	-0.00150	.00170	.00600	-.94600	.04706
.200	-1.950	.11050	.07350	-0.59720	.10790	.07730	-0.00130	.00140	.00300	.98300	.04734
.200	-.890	.16960	.07420	-0.59560	.16840	.07686	-0.00130	.00140	.00300	.86100	.04627
.200	.150	.22800	.07700	-0.59450	.22820	.07647	-0.00120	.00130	.00300	.80400	.04639
.200	1.110	.28330	.07940	-0.59190	.28430	.07354	-0.00120	.00140	.00300	.77000	.04610
.200	2.230	.33790	.08440	-0.58920	.34100	.07121	-0.00120	.00070	.00300	.74200	.04541
.200	4.320	.44530	.09580	-0.58570	.45130	.06196	-0.00100	.00000	.00200	.72200	.04501
.200	6.450	.56320	.11520	-0.58660	.57320	.05156	-0.00090	.00090	.00100	.70700	.04388
.200	8.540	.66750	.13800	-0.58140	.68060	.03729	-0.00090	.00070	.00000	.69600	.04319
.200	10.630	.76620	.16610	-0.57390	.76370	.02183	-0.00060	.00060	.00000	.68600	.04315
.200	12.740	.86350	.20240	-0.56750	.88700	.00696	-0.00060	.00000	.00000	.68000	.04314
.200	14.860	.96470	.24760	-0.56100	.99590	-.00817	-0.00080	.00120	-0.00200	.67400	.04484
.200	16.910	1.05370	.29560	-0.55220	1.09410	-.02367	-0.00150	.00170	-0.00600	.66900	.04652
.200	19.000	1.12390	.34330	-0.53750	1.17510	-.03948	-0.00160	.00180	-0.00200	.66300	.04825
.200	21.090	1.18570	.42150	-0.52940	1.25730	-.05321	-0.00300	.00420	-0.00500	.66000	.05266
.200	23.140	1.23030	.47350	-0.51520	1.31980	-.06256	-0.00300	.00480	-0.00300	.65600	.05468
.200	25.190	1.24730	.54890	-0.50190	1.36230	-.07425	-0.00000	.00150	-0.00900	.65100	.05798
.200	27.220	1.23640	.60470	-0.52590	1.37610	-.07245	-0.00070	.00070	-0.00900	.64800	.05640
.200	29.170	1.19810	.64070	-0.54000	1.35840	-.07249	-0.00040	.00150	-0.00500	.63700	.07534
.200	31.190	1.16780	.69090	-0.56420	1.37400	-.07219	-0.00090	.00060	-0.00800	.63400	.08002
.200	GRADIENT	.05505	.00262	.00161	.05638	-.00129	.00005	-.00012	-.00036	.03962	-.00028

QM628 B26C9G15W7F8J43M16E28W8R5XD0

(RD2075) (07 JUN 74)

REFERENCE DATA

SPEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YMRP = .0000 INCHES
BPEF = 37.9359 INCHES ZMRP = 15.1375 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = -10.000 AIRPON = .000
RUDDER = .000 SDBRK = .000
GRIPDS = .285

PARAMETRIC DATA

RUN NO. 75/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CLF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.420	-1.58280	.11320	.13010	-.58990	.05795	-.00150	.00230	.01000	.73300	.13664
.200	-2.340	-.44440	.03560	.13030	-.44790	.07712	-.00150	.00170	.00210	.75900	.03653
.200	-1.1300	-.37950	.02600	.13150	-.33140	.07938	-.00140	.00140	.00600	.77900	.13609
.200	-.1250	-.31950	.01240	.13290	-.31990	.08160	-.00140	.00140	.00600	.81500	.13618
.200	.780	-.25230	.07700	.13410	-.25720	.08154	-.00140	.00120	.00500	.84300	.03604
.200	1.440	-.19790	.07240	.13560	-.19550	.07860	-.00130	.00110	.00410	.91700	.03572
.200	3.060	-.08590	.06730	.13690	-.07610	.07275	-.00130	.00120	.00200	1.32100	.13501
.200	6.090	.03430	.05600	.14230	.04180	.06210	-.00120	.00130	.00000	-.61100	.03498
.200	8.160	.14390	.07120	.14620	.15260	.05140	-.00120	.00130	.00000	.23800	.13503
.200	10.250	.26100	.08230	.15160	.26370	.03657	-.00110	.00170	.00000	.77100	.03511
.200	12.330	.36120	.10140	.15590	.37450	.02150	-.00110	.00130	.00000	.43200	.03576
.200	14.470	.46660	.12630	.16180	.46330	.00562	-.00100	.00170	.00000	.50300	.03792
.200	16.560	.57220	.15310	.16930	.53730	-.01164	-.00090	.00170	.00000	.54300	.04109
.200	18.650	.67930	.18360	.17710	.62310	-.01273	-.00080	.00120	.00000	.56200	.14213
.200	20.770	.78100	.20550	.17110	.61820	-.01428	-.00070	.00170	.00000	.57500	.14355
.200	22.870	.87770	.24010	.15640	.54190	-.01264	-.00140	.00170	.00200	.59100	.14718
.200	24.930	.92900	.32760	.15290	1.11110	-.03115	-.00090	.00110	.001400	.53400	.05140
.200	27.020	.97240	.45290	.16390	1.17210	-.03845	.00140	.00240	.001400	.53500	.15236
.200	29.040	1.01320	.51010	.17140	1.13150	-.04437	.00240	.00230	.001400	.53500	.05661
.200	31.080	1.02560	.56330	.17970	1.17170	-.04467	.00200	.00160	.001200	.53500	.15628
.200	33.221	.05921	-.11550	.00109	.05062	.00054	.00003	-.00013	-.00003	.06145	-.00019

GRADIENT

04628 B26C9G15WTF8J43M16E28W8R5XJ (RDZ076) (07 JUN 74)

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDRK = .000
GP.FDS = .285

REFERENCE DATA

SECF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YMRP = .0000 INCHES
BEEF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = 1.2405 SCALE

RUN NO. 76/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.600	-7.74910	.15240	.19680	-.75890	.03181	-.00130	.00190	.01300	.74700	.03413
.200	-2.500	-.61790	.12930	.19970	-.62230	.10228	-.00140	.00090	.00900	.77000	.03338
.200	-1.420	-.55680	.11910	.20200	-.55980	.11527	-.00130	.00080	.00900	.78500	.03349
.200	-.380	-.49690	.10950	.20370	-.49760	.13625	-.00120	.00040	.00700	.80200	.03387
.200	.690	-.43660	.10230	.20560	-.43540	.10766	-.00120	.00050	.00700	.82500	.03270
.200	1.720	-.37930	.09430	.20740	-.37630	.10575	-.00120	.00070	.00600	.85400	.03305
.200	3.820	-.26700	.06230	.21120	-.26090	.09996	-.00120	.00110	.00500	.95000	.03239
.200	5.940	-.15370	.07570	.21550	-.14510	.09126	-.00120	.00110	.00300	1.19810	.03130
.200	8.050	-.04570	.07360	.22050	-.03490	.07930	-.00100	.00140	.00200	2.97500	.03206
.200	10.130	.06130	.07840	.22790	.07420	.06679	-.00090	.00200	.00000	-.47700	.03320
.200	12.230	.16390	.09110	.23350	.17930	.05334	-.00070	.00260	-.00200	.17200	.03322
.200	14.330	.27200	.11490	.24110	.29060	.03816	-.00050	.00280	-.00200	.34600	.03566
.200	16.420	.37620	.13450	.24620	.39890	.02262	.00000	.00240	-.00300	.42500	.03790
.200	18.500	.47720	.16730	.25010	.50580	.00779	.00010	.00350	-.00400	.47000	.04008
.200	20.630	.58240	.21020	.25140	.61920	-.00842	-.00020	.00380	-.00400	.50200	.04126
.200	22.730	.68410	.26240	.24540	.73240	-.02234	-.00110	.00170	.00000	.52800	.04263
.200	24.830	.77390	.34750	.22940	.84830	-.03959	-.00060	.00320	-.00400	.55200	.04701
.200	26.910	.82950	.40580	.23250	.92340	-.01369	-.00050	.00250	-.00500	.55900	.05099
.200	28.940	.86860	.45780	.23800	.98190	-.01989	.00060	.00200	-.00700	.56400	.05152
.200	30.980	.91890	.51670	.23220	1.05380	-.03011	.00030	.00130	-.00900	.57100	.05655
.200	GRADIENT	.05615	-.00726	.00178	.05789	-.00023	.00002	-.00004	-.00086	.03887	-.00024

04628 B26C9G15W7F8J62M16E28W85X0D

(R02077) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SFD8RK = .000
GF.FOS = .285

RUN NO. 77/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.190	-.29280	.08160	.04330	-.29800	.05995	-.00120	.00380	.00400	.70200	.04201
.200	-2.060	-.17360	.07200	.04310	-.17830	.06571	-.00080	.00380	.00100	.74100	.04257
.200	-1.060	-.11790	.07090	.04240	-.11920	.06680	-.00070	.00380	.00000	.78300	.04127
.200	-.030	-.06250	.06840	.04200	-.06260	.06841	-.00060	.00400	.00000	.89900	.04261
.200	1.040	-.00370	.06780	.04120	-.00240	.06788	-.00020	.00390	-.00100	6.76900	.04115
.200	2.070	.04810	.06990	.03650	.05060	.06818	-.00070	.00300	.00100	.38600	.04082
.200	4.150	.15690	.07460	.03200	.16190	.06113	-.00170	.00210	.00500	.57900	.04007
.200	6.250	.26240	.08480	.02590	.27010	.05577	-.00180	.00200	.00500	.61600	.03996
.200	8.330	.36230	.09720	.02440	.37250	.04368	-.00110	.00260	.00100	.62800	.03834
.200	10.430	.47230	.11430	.02550	.48520	.02686	-.00070	.00330	.00000	.63200	.03873
.200	12.520	.57420	.13350	.02820	.58950	.01580	-.00070	.00290	-.00100	.63400	.03859
.200	14.670	.68840	.16390	.03600	.70750	-.01584	-.00140	.00210	.00100	.63300	.03938
.200	16.740	.79800	.19940	.03780	.82160	-.03893	-.00180	.00210	-.00300	.63500	.04057
.200	18.830	.89530	.24410	.03480	.92710	-.06833	-.00110	.00160	-.00200	.63800	.04121
.200	20.940	.99110	.29580	.03320	1.03130	-.07808	-.00110	.00250	-.00400	.64000	.04227
.200	23.010	1.05370	.35000	.02990	1.10680	-.08971	-.00250	.00300	-.00300	.64200	.04186
.200	25.120	1.08720	.47650	.02990	1.18670	-.03023	.00100	.00360	-.01200	.64200	.05584
.200	27.120	1.12690	.53470	.04130	1.24680	-.03793	.00010	.00130	-.00900	.63900	.06150
.200	29.160	1.13650	.58480	.05460	1.27740	-.04315	.00050	-.00040	-.00500	.63600	.06604
.200	31.190	1.16100	.64500	.06380	1.32640	-.04926	.00000	.00040	-.00700	.63400	.06981
GRADIENT		.05400	-.00081	-.00155	.05522	.00038	-.00003	-.00019	.00007	.11021	-.00026

QM628 B26C9G15M7F8J62W16E28V8R5X10

(RDZ078) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = .000
 ELEVON = .000
 RUDDER = .000
 GP.FDS = .285

BDFLAP = -12.000
 AILRON = .000
 SPDBRK = .000

PARAMETRIC DATA

RUN NO. 78/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.110	-.04290	.04990	-.02770	-.04290	.04995	-.00820	.01560	.23800	.88900	.04539
.200	-8.080	-.04800	.05360	.03050	-.04800	.05362	-.00670	.01400	.19100	.88500	.04367
.200	-6.080	-.05100	.05900	.03380	-.05100	.05906	-.00490	.01170	.14300	.89600	.04290
.200	-4.060	-.05730	.06450	.03760	-.05740	.06454	-.00310	.00860	.09400	.89300	.04133
.200	-2.040	-.05870	.06760	.04020	-.05870	.06762	-.00180	.00630	.04700	.90400	.04232
.200	-.010	-.05950	.06890	.04180	-.05950	.06889	-.00040	.00390	.00000	.91000	.04141
.200	2.000	-.05830	.06840	.04070	-.05840	.06840	.00100	.00160	-.04500	.90800	.04184
.200	4.030	-.05660	.06470	.03700	-.05660	.06470	.00260	-.00070	-.09200	.89800	.04305
.200	6.040	-.05270	.06180	.03460	-.05270	.06080	.00400	-.00360	-.13900	.89400	.04271
.200	8.050	-.04750	.05510	.03130	-.04750	.05519	.00550	-.00640	-.18800	.89500	.04401
.200	10.080	-.04350	.05200	.02590	-.04350	.05207	.00600	-.00880	-.23100	.87100	.04451
	GRADIENT	.00009	.00006	.00005	.00009	.00005	.00070	-.00115	-.02295	.00069	.00015

QM628 B26C9G15M7F8J62W16E28V8R5X10

(RDZ079) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = .000
 ELEVON = .000
 RUDDER = .000
 GP.FDS = .285

BDFLAP = -12.000
 AILRON = .000
 SPDBRK = .000

PARAMETRIC DATA

RUN NO. 79/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.110	.02830	.06340	.01730	.23320	.04232	-.00850	.02210	.22300	.62400	.04352
.200	-8.090	.02230	.06690	.02250	.22740	.04637	-.00590	.01910	.17600	.61500	.04332
.200	-6.080	.01860	.07150	.02590	.22420	.05136	-.00300	.01490	.12800	.60900	.04285
.200	-4.060	.01460	.07380	.02940	.22040	.05396	-.00140	.01060	.08100	.60200	.04175
.200	-2.030	.01080	.07610	.03340	.21690	.05663	-.00050	.00690	.04000	.59500	.04086
.200	-.030	.00870	.07820	.03440	.21480	.05693	-.00040	.00260	.00300	.59300	.03995
.200	1.990	.01260	.07520	.03130	.21860	.05549	-.00050	-.00100	-.03600	.59300	.04090
.200	4.020	.01560	.07370	.02730	.22140	.05374	.00030	-.00480	-.08000	.60600	.04126
.200	6.030	.01960	.07120	.02330	.22320	.05090	.00140	-.00910	-.12400	.61400	.04252
.200	8.040	.02240	.06800	.02160	.22590	.04730	.00360	-.01320	-.17100	.61900	.04355
.200	10.070	.02610	.06410	.01620	.23300	.04337	.00570	-.01660	-.21700	.62600	.04372
	GRADIENT	.00019	.00005	-.00031	.00019	-.00008	.00017	-.00132	-.01972	.00160	-.00005

0A628 B25C9G15WTF8J62M16E28W85X10 (RDZ080) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.0000 BDFLAP = -12.0000
ELEVON = .0000 AILRON = .0000
RUDDER = .0000 SPD8RK = .0000
GP.FDS = .285

RUN NO. 80/0 RV/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	.48500	.10140	.01740	.49530	.01173	-.00810	.02420	.21000	.63900	.04565
.200	-8.090	.48300	.10580	.02180	.49420	.01638	-.00600	.01980	.16800	.63500	.04389
.200	-6.070	.47710	.10890	.02450	.48900	.02051	-.00320	.01470	.12200	.63000	.04151
.200	-4.050	.47600	.11090	.02810	.48820	.02266	-.00170	.01110	.07900	.63000	.03976
.200	-2.040	.47750	.11030	.03010	.48570	.02156	-.00070	.00710	.03700	.62900	.04555
.200	-.040	.47530	.11170	.02610	.48770	.02356	-.00060	.00230	.00200	.63200	.03898
.200	1.990	.47540	.11120	.02700	.48770	.02337	-.00020	-.00160	-.03500	.63100	.03892
.200	4.100	.47750	.10990	.02560	.48960	.02143	-.00020	-.00660	-.07600	.63200	.03924
.200	6.020	.48120	.10850	.02200	.48290	.01937	.00070	-.01180	-.11700	.63500	.03862
.200	8.040	.48350	.10630	.01800	.49470	.01675	.00220	-.01640	-.16000	.63600	.04123
.200	10.080	.49030	.10360	.01440	.50100	.01288	.00470	-.02170	-.20400	.64100	.04323
GRADIENT	.00004	.00004	-.00005	-.00040	.00004	-.00006	.00017	-.00219	-.01943	.00000	-.00113

0A628 B26C9G15WTF8J62M16E28W85X10 (RDZ081) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.0000 BDFLAP = -12.0000
ELEVON = .0000 AILRON = .0000
RUDDER = .0000 SPD8RK = .0000
GP.FDS = .285

RUN NO. 81/0 RV/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.090	.74280	.17210	.01610	.76170	-.03510	-.01020	.02900	.20300	.64400	.04261
.200	-8.100	.74290	.17570	.02200	.76270	-.03167	-.00890	.02420	.16700	.64100	.04017
.200	-6.060	.74220	.17780	.02650	.76260	-.02945	-.00610	.01940	.12300	.63900	.04013
.200	-4.030	.73700	.17830	.03070	.75790	-.02775	-.00340	.01360	.07900	.63700	.04006
.200	-2.040	.74390	.17980	.03710	.76480	-.02803	-.00340	.00820	.04300	.63400	.04006
.200	-.030	.74710	.18010	.03850	.76400	-.02870	-.00210	.00190	.00100	.63300	.04072
.200	1.990	.74270	.17970	.03860	.76360	-.02791	.00070	-.00130	-.04500	.63300	.04423
.200	3.990	.74610	.17900	.03570	.76670	-.02042	.00450	-.00310	-.09100	.63500	.04088
.200	6.020	.74050	.17760	.02840	.76100	-.02985	.00480	-.01540	-.12600	.63800	.03850
.200	8.040	.74180	.17580	.02330	.76170	-.03132	.00610	-.01250	-.16000	.64100	.03735
.200	10.080	.74780	.17260	.01750	.75990	-.03412	.01000	-.02640	-.21000	.64300	.03837
GRADIENT	.00005	.00005	-.00001	-.00057	.00002	-.00006	.00011	-.00206	-.01944	.00000	-.00115

(K02082) (07 JUN 74)

04628 B26C9G15WTF0J62M16E28VR05X00

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AIRRON = .000
FLUDER = .000 SPDBOK = .000
GRFPOS = .285

REFERENCE DATA

SEEF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
SEEF = 19.2293 INCHES YMRP = .0000 INCHES
SEEF = 37.9359 INCHES YMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 82/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAP	CYN	CBL	CY	XCF/L	CAB
.20	-1.070	.99510	.31170	.00220	1.03900	-.06340	-.00340	.03980	.17700	.64900	.04185
.21	-0.740	.99580	.31430	.00250	1.04240	-.06214	-.00090	.03530	.14100	.64500	.04215
.22	-0.410	.99610	.31760	.00260	1.03640	-.05595	.00330	.02940	.09300	.64300	.04143
.23	-0.100	.99640	.31970	.00270	1.03370	-.05428	.00590	.02270	.05500	.64300	.04282
.24	.210	.99620	.31950	.00280	1.03440	-.05323	.00930	.01430	.03000	.64300	.04374
.25	.520	.99540	.32210	.00260	1.04110	-.05017	.01270	.00750	.03330	.64300	.04541
.26	.830	.99410	.32020	.00240	1.03360	-.05219	.01460	.00300	-.00010	.64300	.04682
.27	1.140	.99720	.31610	.00260	1.03630	-.05559	.01800	-.00720	-.11400	.64200	.04313
.28	1.450	.99340	.31170	.00280	1.02950	-.06176	.02190	-.01430	-.15800	.64000	.04153
.29	1.760	.99170	.31640	.00240	1.03340	-.05885	.02260	-.02230	-.21000	.64300	.04165
.30	2.070	.98900	.31910	.00260	1.04270	-.05728	.02690	-.02980	-.24500	.64500	.04334
.31	2.380	.98730	.32010	.00280	1.04015	-.05015	.03148	-.03567	-.02280	-.00010	.04009

GRADIENT

(RD2083) (07 JUN 74)

0A62R B26C9C:SWTF0J62M16220WR5X10

REFERENCE DATA
SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA
BETA = .000 BDFLAP = -12.000
ELEVON = 5.000 AILRON = .000
RUDDER = .000 SPDRK = .000
GP.FOS = .285

RUN NO. 83/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	/L	CAB
.200	-4.170	-1.9440	.07700	.07350	-1.9950	.06272	-.00130	.00330	.00300	.65000	.04366
.200	-2.050	-.07610	.07160	.00160	-.07860	.06882	-.00100	.00350	.00000	.65000	.04358
.200	-1.020	-.01880	.07030	.00160	-.02010	.07004	.00080	.00360	.00000	.66400	.04427
.200	-.130	.03640	.06950	.00000	.03650	.06951	-.00060	.00370	-.00100	.65300	.04385
.200	1.080	.09430	.07020	-.00350	.09500	.06845	-.00060	.00370	-.00100	.65400	.04405
.200	2.120	.14720	.07210	-.00160	.14970	.06667	-.00050	.00370	-.00100	.65600	.04294
.200	4.210	.25270	.07840	-.01240	.25780	.05974	-.00050	.00310	-.00100	.65500	.04235
.200	6.290	.35140	.09150	-.00960	.35930	.05240	-.00070	.00210	.00000	.66200	.04127
.200	8.390	.45100	.11760	-.01310	.47000	.03966	-.00070	.00190	.00000	.66200	.04116
.200	10.480	.56420	.15070	-.01470	.57780	.02189	-.00090	.00170	-.00100	.65900	.04056
.200	12.590	.67450	.18360	-.01600	.69500	-.00184	-.00000	.00130	-.00600	.65400	.04143
.200	14.700	.78190	.22420	-.01740	.82290	-.02084	-.00090	.00130	-.000100	.65200	.04125
.200	16.790	.88740	.27110	-.01840	.91430	-.04178	-.00120	.00120	-.00100	.65300	.04223
.200	18.870	.98770	.32340	-.01990	1.01410	-.06158	-.00130	.00120	-.00100	.65300	.04351
.200	20.920	1.07620	.37440	-.02160	1.11410	-.08172	-.00130	.00230	-.00400	.65300	.04418
.200	23.040	1.15630	.41540	-.02340	1.19670	-.05846	-.00160	.00160	-.00400	.65400	.05276
.200	25.070	1.24220	.51640	-.02110	1.24920	-.02567	.00050	.00360	-.01100	.65100	.05561
.200	27.110	1.37650	.56590	-.01420	1.30510	-.03375	.00030	.00160	-.01100	.64800	.06368
.200	29.170	1.58070	.61450	-.03070	1.33140	-.03992	.00040	.00030	-.00800	.64300	.05865
.200	31.200	1.89940	.67150	-.04070	1.37480	-.04528	-.00070	.00040	-.00800	.64100	.07407
GRADIENT		.05547	.07004	-.00071	.05468	-.00140	.00010	-.00001	-.00043	-.00064	-.00015

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TABULATED SOURCE DATA - OA62B

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OA62B B26C9G1547F8 W16E28W85X9

(RDZ084) (07 JUN 74)

REFERENCE DATA

SRFF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPOBRK = .000

PARAMETRIC DATA

RUN NO. 84/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.150	-24190	.03450	-24590	.04629	-.00090	.00250	.00700	.70300	.03331
.200	-2.060	-14530	.03420	-14720	.05176	-.00090	.00250	.00600	.73700	.03416
.200	-1.060	-10110	.03450	-10210	.05254	-.00090	.00240	.00500	.77600	.03435
.200	.010	-05430	.03480	-05430	.05322	-.00090	.00250	.00500	.88800	.03294
.200	.990	-00950	.03530	-00860	.05246	-.00080	.00260	.00400	2.15800	.03349
.200	2.020	.03790	.03570	.03970	.05017	-.00090	.00250	.00500	.32100	.03411
.200	4.080	.12950	.03600	.13300	.04376	-.00080	.00250	.00400	.55200	.03338
.200	6.150	.22530	.03570	.23020	.03326	-.00080	.00240	.00300	.59500	.03363
.200	8.230	.32380	.03530	.33020	.02190	-.00090	.00250	.00300	.61300	.03222
.200	10.310	.42200	.03550	.43000	.00571	-.00100	.00250	.00200	.62100	.03332
.200	12.380	.52370	.03600	.53370	-.01112	-.00080	.00250	.00100	.62700	.03528
.200	14.460	.63370	.03260	.64740	-.02745	-.00040	.00150	.00000	.63300	.03660
.200	16.540	.74970	.02610	.76880	-.04463	-.00010	.00090	-.00100	.63900	.03808
.200	18.620	.86840	.01890	.89520	-.06294	.00010	.00190	-.00200	.64400	.04135
.200	20.720	.98270	.01410	1.02010	-.08095	.00080	.00480	-.00600	.64700	.04349
.200	22.810	1.07050	.00800	1.13400	-.06499	-.00140	.00050	.00100	.65000	.04913
.200	24.860	1.12530	.01700	1.20570	-.07469	.00100	.00070	-.00400	.65000	.05257
.200	26.900	1.17270	.02590	1.27080	-.08732	.00110	.00250	-.00700	.64400	.05846
.200	28.940	1.18840	.03950	1.30620	-.09391	.00090	.00660	-.01100	.64100	.06196
.200	31.920	1.14400	.07110	1.28130	-.08730	.00010	.01040	-.01800	.63100	.07074
.200	GRADIENT	.04506	.00023	.04598	-.00031	.00001	.01000	-.00035	-.00043	-.00002

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES ALPHA = .000 BDFLAP = -12.000
 LREF = 19.2299 INCHES YMRP = .0000 INCHES ELEVON = .000 AILERON = .000
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .000 SPDBRK = .000
 SCALE = .0405 SCALE

RUN NO. 85/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.03020	.03520	.02010	.03020	.03523	-.00890	.01010	.02000	.09500	.03803
.200	-8.070	.03380	.03900	.02370	.03380	.03901	-.00750	.00980	.05400	.09300	.03572
.200	-6.050	.04180	.04490	.02790	.04180	.04489	-.00560	.00780	.12500	.09800	.03368
.200	-4.010	.04810	.04910	.03130	.04810	.04913	-.00370	.01570	.08500	.09100	.03383
.200	-1.980	.05160	.05320	.03400	.05170	.05312	-.00200	.02400	.04400	.09400	.03267
.200	.000	.05220	.05380	.03480	.05220	.05348	-.00080	.02850	.00600	.09700	.03348
.200	2.000	.05310	.05420	.03580	.05310	.05426	.00150	.03130	.03300	.09800	.03487
.200	4.000	.05480	.05600	.03750	.05480	.05634	.00280	.03420	.07200	.09800	.03552
.200	6.040	.05430	.05600	.03680	.05430	.05649	.00400	.03720	.11300	.09800	.03514
.200	8.060	.05820	.06070	.03540	.05820	.06073	.00550	.03980	.15300	.09600	.03583
.200	10.080	.06260	.06620	.03280	.06260	.06620	.00710	.04200	.19200	.09800	.03803
GRADIENT	-.00024	-.00004	-.00004	.00001	-.00024	-.00003	.00071	-.00072	-.00947	-.00100	.00128

0462B B26C9G15M7F8 W16E2B8R5X9

(R02086) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES ALPHA = .000 BDFLAP = -12.000
 LREF = 19.2299 INCHES YMRP = .0000 INCHES ELEVON = .000 AILERON = .000
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .000 SPDBRK = .000
 SCALE = .0405 SCALE

RUN NO. 86/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.03070	.04220	.02180	.03070	.04214	-.00110	.01630	.02000	.01200	.03765
.200	-8.050	.03290	.04520	.02520	.03290	.04520	-.00080	.01390	.05000	.00400	.03767
.200	-6.060	.03930	.04960	.02900	.03930	.04960	-.00050	.01060	.12100	.09600	.03743
.200	-4.000	.04470	.05270	.03230	.04470	.05270	-.00020	.00740	.08100	.09800	.03782
.200	-2.030	.05160	.05450	.03490	.05160	.05450	-.00090	.01460	.04200	.09200	.03454
.200	.000	.05260	.05560	.03670	.05260	.05560	-.00200	.02850	.00300	.09700	.03277
.200	2.000	.05380	.05680	.03830	.05380	.05680	.00130	.03140	.03200	.09800	.03429
.200	4.000	.05490	.05800	.03990	.05490	.05800	.00260	.03430	.07300	.09800	.03515
.200	6.050	.05530	.05900	.03980	.05530	.05900	.00390	.03730	.11300	.09800	.03621
.200	8.060	.05950	.06300	.03710	.05950	.06300	.00520	.04020	.15300	.09800	.03697
.200	10.080	.06390	.06740	.03440	.06390	.06740	.00650	.04310	.19300	.09800	.03815
GRADIENT	-.00040	-.00002	-.00002	.00003	-.00040	-.00001	.00068	-.00116	-.00945	-.00100	.00132

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TABULATED SOURCE DATA - QM62B

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QM62B B26C9G15W7F8 W16E28V8R5X9

(RDZ087) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 87/0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVEN = .000 AILEON = .000
 RUDDER = .000 SPOBRK = .000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.44250	.07770	.02220	.44920	-.00268	-.01150	.02390	.19500	.63300	.04005
.200	-8.070	.43460	.07930	.02600	.44190	.00095	-.00880	.11970	.15600	.63000	.03726
.200	-6.050	.43180	.08110	.02960	.43940	.00262	-.00600	.01530	.11600	.62800	.03517
.200	-4.020	.42940	.08160	.03270	.43320	.00429	-.00410	.01190	.07200	.62400	.03400
.200	-2.000	.42820	.08200	.03470	.43010	.00525	-.00270	.00630	.04000	.62200	.03343
.200	-.000	.42810	.08260	.03570	.42810	.00632	-.00110	.00240	.00300	.62100	.03335
.200	1.990	.41970	.08160	.03440	.42750	.00533	.00040	-.00140	.00300	.62200	.03321
.200	4.020	.42260	.08020	.03310	.43110	.00345	.00170	-.00380	-.07300	.62300	.03439
.200	6.040	.42230	.07670	.02930	.43540	.00193	.00340	-.00120	-.11000	.62700	.03618
.200	8.060	.43240	.07740	.02720	.43930	-.00408	.00530	-.01420	-.14800	.62900	.03882
.200	10.080	.43680	.07590	.02420	.44340	-.00527	.00200	-.01550	-.18200	.63200	.04188
GRADIENT*		-.01140	-.00015	.00002	-.00044	-.00008	.00073	-.00205	-.01839	-.00010	.00003

QM62B B26C9G15W7F8 W16E28V8R5X9

(RDZ088) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 88/0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVEN = .000 AILEON = .000
 RUDDER = .000 SPOBRK = .000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.71290	.15160	.01110	.72750	-.04418	-.01160	.02740	.19300	.64500	.04191
.200	-8.070	.70710	.15360	.01520	.72240	-.04126	-.00890	.02200	.15400	.64400	.03925
.200	-6.050	.70050	.15420	.02150	.71620	-.03829	-.00560	.01700	.11400	.64100	.03716
.200	-4.030	.69320	.15480	.02650	.70940	-.03577	-.00360	.01160	.07600	.63800	.03671
.200	-2.020	.68900	.15650	.02830	.70580	-.03286	-.00120	.00600	.03800	.63700	.03513
.200	.000	.69010	.15320	.02930	.70600	-.03591	-.00020	.00110	.00000	.63600	.03492
.200	2.000	.68350	.15440	.02890	.70570	-.03513	.00120	-.00370	-.03600	.63700	.03722
.200	4.010	.69250	.15360	.02870	.70840	-.03586	.00330	-.01280	-.07600	.63700	.03693
.200	6.030	.69460	.15140	.02490	.70940	-.03949	.00440	-.01390	-.11400	.63900	.03772
.200	8.060	.70300	.15070	.01910	.71790	-.04242	.00640	-.01430	-.15400	.64200	.03835
.200	10.080	.71170	.14890	.01390	.72470	-.04515	.00280	-.02330	-.19200	.64500	.04213
GRADIENT*		-.00004	-.00023	.00025	-.00110	-.00022	.00081	-.00261	-.01681	-.00010	.00002

(RDZ089) (07 JUN 74)

0A62B B26C0G15W7F8 W116E28W8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES ALPHA = 20.000 BCFLOP = -12.000
 LREF = 19.2299 INCHES YMRP = .0000 INCHES ELEVON = .000 AILRON = .000
 RREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .000 SPDRK = .000
 SCALE = .0405 SCALE

PARAMETRIC DATA

RUN NO. 89/5 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	.99200	.28270	-.00160	1.02780	-.08656	-.01500	.03640	.19400	.65200	.04596
.205	-8.070	.98860	.28660	.00240	1.02610	-.08179	-.00980	.02940	.15100	.65100	.04323
.200	-6.050	.98520	.28920	.00720	1.02380	-.07811	-.00620	.02310	.11200	.64900	.04114
.205	-4.020	.98000	.28930	.01210	1.01890	-.07607	-.00230	.01730	.07100	.64700	.04190
.200	-2.030	.98150	.29260	.01150	1.02150	-.07359	-.00180	.01230	.02600	.64700	.04318
.205	-.030	.98030	.29420	.01040	1.02100	-.07160	.00570	.00820	-.01600	.64800	.04361
.200	1.990	.98000	.29340	.01230	1.02050	-.07231	.00850	-.00050	-.05400	.64700	.04357
.205	4.010	.96800	.28960	.01690	1.01790	-.07125	.01100	-.00780	-.09300	.64500	.04151
.200	6.040	.96750	.28800	.01620	1.01690	-.07278	.01460	-.01300	-.13600	.64600	.04233
.205	8.070	.96710	.28670	.00970	1.01600	-.07381	.01960	-.01870	-.18100	.64800	.04570
.200	10.070	.96990	.28430	.00540	1.01800	-.07648	.02480	-.02550	-.22500	.65000	.04776
GRADIENT		-.00127	.00007	.00052	-.00115	.00054	.00166	-.00313	-.02032	-.00020	-.00002

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TABULATED SOURCE DATA - OM62B

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OM62B B26C9G15M7F8 W116E28W85X9

(RDZ990) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 95/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.95/ 6.99

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.130	-24590	.07050	.04260	-25040	.05259	-1.00130	.00280	.00700	.71400	.03605
.200	-2.090	-15530	.06340	.04190	-15750	.05775	-1.00150	.00270	.00700	.75000	.03652
.200	-1.060	-10850	.06170	.04170	-10970	.05971	-1.00140	.00270	.00700	.79200	.03549
.200	-.040	-05600	.05870	.04220	-05640	.05867	-1.00140	.00260	.00600	.89400	.03696
.200	.980	-01600	.05850	.04230	-01590	.05886	-1.00140	.00280	.00600	1.68800	.03528
.200	2.040	.02700	.05750	.04240	.02900	.05659	-1.00130	.00280	.00500	.11400	.03562
.200	4.080	.12300	.05820	.04300	.12630	.04994	-1.00130	.00280	.00500	.52700	.03532
.200	6.170	.21800	.06430	.04200	.22360	.04146	-1.00140	.00270	.00500	.58200	.03407
.200	8.200	.31300	.07230	.04180	.32020	.02685	-1.00140	.00240	.00400	.60500	.03398
.200	10.280	.41050	.08560	.04140	.41920	.01094	-1.00150	.00250	.00300	.61500	.03533
.200	12.320	.51070	.10720	.04150	.52190	-1.00420	-1.00150	.00250	.00200	.62200	.03519
.200	14.440	.61930	.13640	.03800	.63380	-1.02237	-1.00100	.00180	.00000	.63000	.03821
.200	16.530	.73660	.17640	.03150	.75630	-1.04046	-1.00060	.00110	.00000	.63600	.04115
.200	18.620	.85230	.22620	.02430	.88010	-1.05728	-1.00050	.00200	-1.00100	.64100	.04157
.200	20.700	.96690	.28420	.01920	1.00490	-1.07591	-1.00230	.00460	-1.00400	.64500	.04467
.200	22.780	1.06200	.36210	.01430	1.11930	-1.07737	.00730	.00590	-1.01900	.64700	.04887
.200	24.840	1.11250	.43420	.02450	1.19200	-1.07340	-1.00050	.00090	-1.00200	.64400	.05425
.200	26.890	1.15580	.49470	.03120	1.25460	-1.08140	.00063	.00240	-1.00600	.64200	.05749
.200	28.920	1.17340	.54730	.04530	1.29170	-1.08851	.00050	.00680	-1.01100	.63900	.06197
.200	30.820	1.12450	.57840	.07770	1.26210	-1.08094	-1.00010	.01050	-1.01800	.62900	.06950
GRADIENT	.04486	-1.00143	-1.00007	.04588	-1.00032		.00001	.00001	-1.00030	-1.02631	-1.00011

REFERENCE DATA PARAMETRIC DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES ALPHA = .000 BDFLAP = -12.000
 LREF = 19.2299 INCHES YMRP = .0000 INCHES ELEVON = .000 AILRON = .000
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .000 SPDGRK = 25.000
 SCALE = .0405 SCALE

RUN NO. 91/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.090	-.03840	.02750	.04200	-.03840	.04206	-.01450	.01290	.21300	.91500	.03984
.200	-8.090	-.04660	.03290	.04540	-.04660	.04543	-.01140	.01130	.17300	.91100	.03837
.200	-6.080	-.05340	.03660	.05090	-.05350	.05068	-.00860	.00890	.13100	.90400	.03656
.200	-4.030	-.05790	.03930	.05550	-.05790	.05555	-.00580	.00650	.08800	.90100	.03619
.200	-2.030	-.06070	.04130	.05830	-.06070	.05831	-.00320	.00430	.04700	.90200	.03587
.200	-.020	-.06220	.04210	.05950	-.06220	.05948	-.00140	.00280	.00700	.90100	.03610
.200	1.990	-.06140	.04110	.05930	-.06150	.05932	.00050	.00120	-.03200	.89800	.03606
.200	4.000	-.05890	.03920	.05570	-.05900	.05572	.00290	-.00050	-.07500	.89600	.03761
.200	6.040	-.05450	.03670	.05170	-.05460	.05168	.00560	-.00290	-.11800	.89900	.03811
.200	8.080	-.04800	.03370	.04730	-.04800	.04733	.00860	-.00520	-.16100	.91000	.03834
.200	10.060	-.04070	.02910	.04290	-.04070	.04288	.01170	-.00710	-.20300	.91400	.04010
GRADIENT	-.00013	.00007	-.00002	.000015	.00007	.00007	.00105	-.00085	-.02017	-.00070	.00015

REFERENCE DATA PARAMETRIC DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES ALPHA = 5.000 BDFLAP = -12.000
 LREF = 19.2299 INCHES YMRP = .0000 INCHES ELEVON = .000 AILRON = .000
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .000 SPDGRK = 25.000
 SCALE = .0405 SCALE

RUN NO. 92/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.090	.19260	.02790	.04770	.19620	.03014	-.01660	.01910	.21100	.59900	.03942
.200	-8.050	.18500	.03100	.05100	.18*80	.03433	-.01250	.01540	.16000	.59700	.03870
.200	-6.070	.17840	.03620	.05620	.18270	.04003	-.00910	.01190	.12600	.57800	.03610
.200	-4.020	.17480	.03810	.05810	.17930	.04232	-.00630	.00860	.08500	.57000	.03563
.200	-2.030	.17290	.04130	.06030	.17760	.04467	-.00340	.00530	.04500	.56600	.03564
.200	-.030	.17020	.04240	.06120	.17500	.04575	-.00140	.00270	.00500	.56200	.03446
.200	1.970	.17130	.04150	.05930	.17590	.04366	.00050	.00020	-.03300	.56500	.03622
.200	4.000	.17340	.03860	.05790	.17790	.04220	.00310	-.00270	-.07300	.57200	.03721
.200	6.020	.17630	.03590	.05550	.18050	.03952	.00600	-.00800	-.11600	.57800	.03856
.200	8.040	.18160	.03360	.05100	.18550	.03441	.00930	-.00960	-.15900	.58500	.04073
.200	10.020	.18670	.02990	.04740	.19020	.03048	.01320	-.01330	-.20400	.59400	.04003
GRADIENT	-.00007	.00009	-.00002	.000015	.00002	.00006	.00113	-.00136	-.01966	.00015	.00019

04628 B26C9G15W7F8 W16E28W8R5X9

(RDZ093) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 93/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	.43410	.08050	.02630	.44150	.00169	-.01650	.02630	.20500	.63000	.04266
.200	-8.080	.42650	.08280	.03090	.43450	.00527	-.01320	.02200	.16600	.62500	.03946
.200	-6.070	.42520	.08340	.03400	.42900	.00692	-.01120	.01720	.12500	.62200	.03809
.200	-4.020	.41530	.08510	.03870	.42390	.00959	-.00670	.01280	.08300	.61800	.03527
.200	-2.040	.41110	.08530	.04080	.41970	.01054	-.00390	.00690	.04200	.61600	.03542
.200	-.030	.41020	.08600	.04160	.41890	.01137	-.00160	.00250	.00400	.61500	.03517
.200	1.980	.40940	.08640	.04340	.41800	.01095	.00260	-.00180	-.03300	.61600	.03511
.200	4.030	.41180	.08320	.03800	.42010	.00830	.00300	-.00690	-.07300	.61800	.03668
.200	6.030	.41860	.08150	.03420	.42640	.00545	.00520	-.01190	-.11600	.62200	.03893
.200	8.050	.42270	.07980	.03080	.43070	.00301	.00320	-.01640	-.15800	.62500	.04139
.200	10.090	.43340	.07720	.02780	.43730	.00086	.01270	-.02120	-.20100	.62900	.04483
GRADIENT	-.00043	-.00019	-.00029	-.00046	-.00011		.00119	-.00231	-.01923	.00000	.00013

04628 B26C9G15W7F8 W16E28W8R5X9

(RDZ094) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 94/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	.70620	.15350	.01480	.72150	-.04085	-.01720	.03040	.20400	.64400	.04306
.200	-8.080	.70120	.15530	.01960	.71730	-.03770	-.01420	.02470	.16500	.64200	.04109
.200	-6.070	.68960	.15710	.02790	.70650	-.03285	-.00900	.01850	.12100	.63700	.03800
.200	-4.020	.68340	.15670	.03310	.70040	-.03147	-.00610	.01270	.08100	.63400	.03851
.200	-2.030	.68220	.15730	.03420	.69940	-.03073	-.00320	.00660	.04000	.63400	.03866
.200	-.010	.67890	.15610	.03500	.69600	-.03082	-.00070	.00140	.00000	.63300	.03894
.200	1.970	.68110	.15800	.03480	.69850	-.02957	.00140	-.00380	-.03800	.63300	.03846
.200	4.000	.68350	.15640	.03470	.69760	-.03105	.00400	-.00940	-.07900	.63300	.03780
.200	6.040	.68340	.15540	.03120	.70010	-.03271	.00620	-.01470	-.11800	.63500	.03809
.200	8.050	.69550	.15280	.02410	.71110	-.03156	.01070	-.02030	-.16300	.63900	.04137
.200	10.070	.70300	.15110	.01710	.71780	-.02220	.01440	-.02670	-.20500	.64300	.04257
GRADIENT	-.00034	-.00000	.00000	.00019	-.00032	.00010	.00124	-.00272	-.01986	-.00015	-.00008

OM628 B26C9G15P7F8 W16E28W8R5X9

REFERENCE DATA

SPEF = 4.4119 SQ.FT. XMRP = 43.9974 INCHES
 LEFF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
 ELEVM = .000 AILROM = .000
 FODREF = .000 SPDBRK = 25.000

RUN NO. 95/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.0790	.98170	.28300	.00200	1.01830	-.08291	-.02160	.03960	.20800	.65100	.04642
.210	-8.0790	.97870	.28720	.00670	1.01700	-.07803	-.01410	.03110	.16100	.64900	.04528
.220	-6.0790	.97190	.28970	.01440	1.01150	-.07319	-.00850	.02400	.11700	.64600	.04223
.230	-4.0730	.96830	.29150	.01830	1.00890	-.07117	-.00450	.01810	.07600	.64500	.04232
.240	-2.0740	.96830	.29410	.01650	1.00970	-.06772	.00100	.01220	.02800	.64600	.04374
.250	-.0710	.97100	.29540	.01630	1.01270	-.06750	.00320	.00600	-.01400	.64600	.04542
.260	1.9800	.96690	.29440	.01720	1.01850	-.05695	.00860	-.00070	-.05400	.64500	.04492
.270	3.9900	.95930	.29160	.02270	1.00540	-.05628	.01200	-.00810	-.09500	.64300	.04298
.280	6.0730	.95630	.28890	.02280	.99640	-.06222	.01600	-.01420	-.11900	.64300	.04337
.290	8.0730	.95680	.28970	.01510	.99740	-.05773	.02350	-.02020	-.18900	.64600	.04650
.300	10.0770	.95820	.28580	.00940	.99740	-.07183	.03380	-.02870	-.23800	.64800	.04731
GRADIENT	-.00097	-.00012	.00012	.00047	-.00087	.00047	.00203	-.00326	-.02114	-.00025	.00012

Q62B B26C9015W78 W116E28W85X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 YREF = 19.2299 INCHES YREF = 1000 INCHES
 ZREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = 1000'S SCALE

BETA = .000 BDFLAP = -12.000
 ELEWIN = 5.000 ALRON = .000
 RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 96/5 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.20	-1.5580	.06900	.06900	-.00050	-.16000	.05371	-.00120	.00330	.00700	.65000	.03911
.20	-4.100	.06170	.06170	-.00120	-.06370	.05948	-.00120	.00340	.00600	.64400	.03870
.20	-1.010	.05960	.05960	-.00120	-.01610	.05962	-.00130	.00340	.00600	.62300	.03950
.20	.010	.05320	.05320	-.00110	.03220	.06053	-.00130	.00350	.00500	.65500	.03734
.20	1.030	.06140	.06140	-.00100	.07920	.05912	-.00130	.00340	.00500	.65600	.03814
.20	2.040	.06120	.06120	-.00130	.12860	.05682	-.00140	.00340	.00600	.65600	.03816
.20	4.140	.06600	.06600	-.00090	.22500	.04988	-.00130	.00320	.00500	.65100	.03717
.20	6.220	.07410	.07410	-.00210	.32270	.03940	-.00160	.00310	.00500	.65400	.03708
.20	8.320	.08640	.08640	-.00310	.42150	.02937	-.00160	.00260	.00400	.65400	.03633
.20	10.350	.09280	.09280	-.00280	.52110	.01910	-.00160	.00260	.00300	.65400	.03645
.20	12.420	.09250	.09250	-.00260	.62160	.00744	-.00140	.00270	.00200	.65100	.03921
.20	14.510	.09640	.09640	-.00640	.73830	.02387	-.00100	.00130	.00100	.65800	.03977
.20	16.580	.09620	.09620	-.01220	.86030	.04194	-.00070	.00170	.00100	.65700	.04231
.20	18.680	.09550	.09550	-.01390	.98660	.05409	-.00070	.00220	.00100	.65900	.04426
.20	20.790	.09530	.09530	-.02050	1.11870	.06523	-.00070	.00200	.00100	.66100	.04625
.20	22.840	.09460	.09460	-.03150	1.22170	.05249	-.00140	.00230	.00100	.66100	.05168
.20	24.910	.09360	.09360	-.01650	1.29130	.06726	-.00130	.00110	.00300	.65600	.05710
.20	26.950	.09240	.09240	-.00320	1.34280	.07831	.00000	.00350	.00500	.65300	.06214
.20	28.980	.09160	.09160	.01540	1.37110	.08497	.00110	.00810	.01200	.64800	.06646
.20	30.930	.09170	.09170	.06180	1.29160	.07191	-.00180	.00740	.01000	.63400	.07359
.20	GRADIENT	.04569	.04569	-.00004	.04671	-.00050	-.00002	-.00001	-.00021	.00159	-.00024

REFERENCE DATA

SPREF = 4.4119 S3.FT.

YMRP = 43.5974 INCHES

LRFP = 19.2299 INCHES

YMRP = .0000 INCHES

BRFP = 37.9359 INCHES

ZMRP = 15.1875 INCHES

SCALE = .0415 SCALE

BETA = .000

BOFLAP = -12.000

ELEW = 10.000

AIRRON = .000

RUDER = .000

SPDRK = 25.000

PARAMETRIC DATA

MACH	ALPHA	CL	CLP	CN	CAF	CBL	CY	XCF/L	CAB
.200	-4.080	-.06120	-.06450	-.07670	.06001	-.00220	.00700	.41210	.04207
.200	-2.710	.03140	.06370	.02910	.06483	-.00160	.00700	1.19510	.04795
.200	-.970	.07920	.16350	.07810	.06445	-.00150	.00600	.85650	.04149
.200	.050	.12530	.16450	.12840	.06432	-.00160	.00600	.77900	.04125
.200	1.180	.17210	.06690	.17340	.06266	-.00160	.00600	.74500	.04138
.200	2.120	.22180	.06640	.22320	.06017	-.00180	.00500	.72400	.04103
.200	4.161	.31050	.07850	.31520	.05273	-.00190	.00500	.70200	.04149
.200	6.250	.40780	.06510	.41480	.04119	-.00190	.00600	.69200	.03990
.200	8.330	.50010	.05130	.51340	.02739	-.00200	.00500	.64400	.03323
.200	10.390	.59320	.02210	.61150	.01197	-.00200	.00500	.64100	.03957
.200	12.470	.70740	.05150	.72320	.00580	-.00180	.00400	.67600	.04182
.200	14.550	.81170	.05170	.83220	.02225	-.00160	.00300	.67400	.04244
.200	16.630	.92830	.05620	.95720	.03922	-.00130	.00100	.67400	.04439
.200	18.710	1.04600	.06390	1.08510	.05728	-.00110	.00000	.67300	.04647
.200	20.830	1.15410	.07290	1.21210	.05946	-.00070	-.02000	.67400	.04932
.200	22.880	1.22300	.07100	1.31540	.05245	-.00140	-.02000	.67200	.05118
.200	24.640	1.26210	.05210	1.36180	.06048	-.00050	-.00500	.66600	.05131
.200	26.990	1.29230	.03710	1.41440	.07153	-.00060	-.00600	.66100	.05536
.200	28.970	1.26710	.00580	1.40730	.07411	.00040	-.02000	.65300	.05687
.200	30.930	1.17610	.04170	1.33250	.06444	-.00050	-.01200	.64000	.07354
		.04526	.01129	.04639	.00093	-.00015	-.00014	.01244	-.00014

GRADIENT

Q4628 B26C9015W7F8 W16E28V8R5Y8

(RDZ098) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES XMR = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = 15.000 AIRRON = .000
RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 98/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.000	.03410	.06700	-.08710	.02930	.06929	-.00150	.00300	.00700	1.74500	.04299
.200	-1.940	.12840	.06740	-.08890	.12600	.07182	-.00150	.00310	.00700	.91100	.04399
.200	-1.910	.17510	.06900	-.08930	.17400	.07187	-.00160	.00290	.00700	.84100	.04423
.200	.110	.22210	.07230	-.18980	.22220	.07194	-.00170	.00290	.00700	.80000	.04304
.200	1.130	.26670	.07520	-.08390	.26820	.06989	-.00160	.00280	.00600	.77500	.04303
.200	2.170	.31240	.07900	-.09010	.31510	.06715	-.00160	.00270	.00500	.75700	.04287
.200	4.230	.40110	.08450	-.08840	.40690	.05870	-.00170	.00260	.00500	.73200	.04234
.200	6.310	.49600	.10250	-.08980	.50430	.04780	-.00180	.00220	.00600	.71700	.04120
.200	8.140	.59340	.12190	-.09210	.60413	.03413	-.00190	.00160	.00500	.70800	.04077
.200	10.450	.70010	.14730	-.09510	.71520	.01791	-.00180	.00130	.00500	.70100	.04102
.200	12.540	.80580	.18020	-.09840	.82580	.00096	-.00160	.00110	.00400	.69600	.04236
.200	14.820	.91110	.22110	-.10070	.93940	-.01661	-.00180	.00140	.00400	.69100	.04488
.200	16.090	1.02120	.27110	-.10440	1.05600	-.03362	-.00190	-.00160	.00300	.68600	.04635
.200	18.400	1.13920	.33400	-.11030	1.18610	-.05093	-.00170	.00250	.00300	.68000	.04809
.200	20.870	1.23710	.41650	-.11550	1.30440	-.07511	.00870	.00250	-.02200	.64000	.05345
.200	22.930	1.29360	.50250	-.11030	1.39720	-.04123	-.00170	-.00210	.00400	.60400	.05955
.200	24.980	1.32220	.58210	-.08790	1.43590	-.02497	.00000	.00370	-.00300	.67400	.06376
.200	27.010	1.33630	.61630	-.05510	1.47100	-.05825	-.00010	.00350	-.00500	.66800	.06722
.200	28.990	1.27770	.63770	-.02210	1.42670	-.06168	-.00010	.00390	-.02600	.65700	.07237
.200	30.970	1.19050	.65030	.02760	1.35540	-.05820	-.00110	.00170	-.01900	.64400	.08350
	GRADIENT	.04464	.04267	-.00019	.04588	-.00024	-.00002	-.00306	-.00030	-.00250	-.00014

(00Z599) (07 JUN 74)

Q482B 026C9015W70 W316E29W05X0

PARAMETRIC DATA

SREF = 4.4119 52.1 FT. INER = 43.5974 INCHES BETA = 0.000 DREFAP = -12.0100
LREF = 19.2235 INCHES INER = 10.0000 INCHES ELEVON = 0.000
BREF = 27.9359 INCHES INER = 15.1075 INCHES EUDER = 0.000 SREFBY = 25.0000
SCALE = 1.405 SCALE

REFERENCE DATA

FUN NO. 99/0 FNL = 1.42 GRADIENT INTERVAL = -6.00/ 5.00

WACH	ALPHA	CL	CLF	CLW	CN	CAF	CYN	CB	CY	WCP/L	CAB
1	-4.200	-3.600	1.000	-36.000	0.0000	0.0000	-0.110	0.120	0.0000	0.7400	0.0000
2	-2.140	-2.570	0.667	-25.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
3	-1.110	-1.600	0.333	-16.000	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
4	-0.590	-0.830	0.167	-8.300	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
5	-0.340	-0.490	0.083	-4.900	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
6	-0.200	-0.290	0.042	-2.900	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
7	-0.120	-0.170	0.024	-1.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
8	-0.070	-0.100	0.013	-1.000	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
9	-0.040	-0.060	0.007	-0.600	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
10	-0.020	-0.030	0.004	-0.300	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
11	0.000	0.000	0.002	0.000	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
12	0.010	0.010	0.002	0.150	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
13	0.020	0.030	0.004	0.300	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
14	0.040	0.060	0.007	0.600	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
15	0.070	0.100	0.013	1.000	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
16	0.120	0.170	0.024	1.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
17	0.200	0.290	0.042	2.900	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
18	0.340	0.490	0.083	4.900	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
19	0.590	0.830	0.167	8.300	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
20	0.940	1.290	0.333	12.900	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
21	1.340	1.740	0.500	17.400	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
22	1.740	2.140	0.667	21.400	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
23	2.140	2.570	0.833	25.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
24	2.570	2.970	1.000	29.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
25	2.970	3.370	1.167	33.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
26	3.370	3.770	1.333	37.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
27	3.770	4.170	1.500	41.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
28	4.170	4.570	1.667	45.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
29	4.570	4.970	1.833	49.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
30	4.970	5.370	2.000	53.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
31	5.370	5.770	2.167	57.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
32	5.770	6.170	2.333	61.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
33	6.170	6.570	2.500	65.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
34	6.570	6.970	2.667	69.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
35	6.970	7.370	2.833	73.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
36	7.370	7.770	3.000	77.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
37	7.770	8.170	3.167	81.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
38	8.170	8.570	3.333	85.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
39	8.570	8.970	3.500	89.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
40	8.970	9.370	3.667	93.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
41	9.370	9.770	3.833	97.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
42	9.770	10.170	4.000	101.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
43	10.170	10.570	4.167	105.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
44	10.570	10.970	4.333	109.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
45	10.970	11.370	4.500	113.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
46	11.370	11.770	4.667	117.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
47	11.770	12.170	4.833	121.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
48	12.170	12.570	5.000	125.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
49	12.570	12.970	5.167	129.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
50	12.970	13.370	5.333	133.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
51	13.370	13.770	5.500	137.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
52	13.770	14.170	5.667	141.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
53	14.170	14.570	5.833	145.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
54	14.570	14.970	6.000	149.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
55	14.970	15.370	6.167	153.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
56	15.370	15.770	6.333	157.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
57	15.770	16.170	6.500	161.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
58	16.170	16.570	6.667	165.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
59	16.570	16.970	6.833	169.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
60	16.970	17.370	7.000	173.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
61	17.370	17.770	7.167	177.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
62	17.770	18.170	7.333	181.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
63	18.170	18.570	7.500	185.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
64	18.570	18.970	7.667	189.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
65	18.970	19.370	7.833	193.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
66	19.370	19.770	8.000	197.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
67	19.770	20.170	8.167	201.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
68	20.170	20.570	8.333	205.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
69	20.570	20.970	8.500	209.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
70	20.970	21.370	8.667	213.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
71	21.370	21.770	8.833	217.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
72	21.770	22.170	9.000	221.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
73	22.170	22.570	9.167	225.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
74	22.570	22.970	9.333	229.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
75	22.970	23.370	9.500	233.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
76	23.370	23.770	9.667	237.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
77	23.770	24.170	9.833	241.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
78	24.170	24.570	10.000	245.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
79	24.570	24.970	10.167	249.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
80	24.970	25.370	10.333	253.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
81	25.370	25.770	10.500	257.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
82	25.770	26.170	10.667	261.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
83	26.170	26.570	10.833	265.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
84	26.570	26.970	11.000	269.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
85	26.970	27.370	11.167	273.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
86	27.370	27.770	11.333	277.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
87	27.770	28.170	11.500	281.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
88	28.170	28.570	11.667	285.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
89	28.570	28.970	11.833	289.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
90	28.970	29.370	12.000	293.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
91	29.370	29.770	12.167	297.700	0.0000	0.0000	-0.110	0.0000	0.0000	0.7400	0.0000
92	29.770	30.170	12.333	301.700	0.0000						

Q4628 B26C9015W78 W116E28W830

(HD2100) (07 JUN 74)

REFERENCE DATA

SEEF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 SEEF = 19.2239 INCHES XREF = 100.00 INCHES
 SEEF = 39.3359 INCHES XREF = 15.1875 INCHES
 SCALE = 1.45 SCALE

BETA = 1.70 BDFLAP = -12.000
 ELEVON = -10.000 AILRON = 10.00
 EDOER = 10.00 SDOER = 25.00

PARAMETRIC DATA

RUN NO. 100 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

WACH	ALPHA	CL	CDF	CLW	CN	CAF	CYN	CBU	CY	XCP/L	CAB
.2	-4.250	-4.3340	1.3400	.133	-4.5920	.05993	-0.0120	.00210	.01800	.75610	.03142
.2	-2.250	-3.5640	1.7659	.119	-3.5230	.06666	-0.0150	.0019	.01600	.76511	.03132
.2	-1.119	-3.0260	1.7600	.117	-3.1400	.06949	-0.0160	.0020	.01700	.81600	.03079
.2	-.15	-2.6640	1.7742	.117	-2.6650	.06972	-0.0150	.0018	.01700	.83300	.03116
.2	.879	-2.2160	1.6790	.126	-2.1350	.07164	-0.0150	.0018	.01700	.87400	.03146
.2	1.970	-1.7410	1.6330	.133	-1.7190	.06973	-0.0160	.00180	.01600	.93700	.03127
.2	4.11	-1.2670	1.507	.146	-1.1974	.06432	-0.0160	.00180	.01600	1.23200	.03131
.2	6.13	-.0030	1.5560	.163	-.0030	.05891	-0.0160	.00171	.01600	-2.65500	.03113
.2	8.130	1.310	1.550	.164	.1105	.04304	-0.0160	.0017	.01600	.197	.02962
.2	1.115	1.9520	1.5500	.170	.2136	.03147	-0.0160	.0016	.01600	.41	.03133
.2	12.210	2.9400	1.7390	.143	.3143	.01579	-0.0170	.0016	.01400	.4270	.03140
.2	14.220	4.124	1.7170	.136	.4150	.01039	-0.0130	.0014	.01200	.5030	.03122
.2	16.410	5.105	1.3390	.136	.5350	-.01461	-0.0140	.0013	.01100	.5500	.03134
.2	18.430	6.3540	1.747	.129	.6540	-.03667	-0.0160	.00140	.01100	.5800	.03161
.2	20.530	7.6740	2.210	.126	.7835	-.05353	-0.0130	.00160	.01200	.5900	.02145
.2	22.670	8.59	3.170	.110	.9110	-.07471	-0.0160	.0016	.01200	.616	.04441
.2	24.740	9.12	3.629	.117	.9567	-.05962	-0.0170	.00140	.01100	.67	.04953
.2	26.750	9.9140	4.211	.124	1.1143	-.07193	-0.0160	.0013	.01100	.61	.05239
.2	28.850	1.0260	4.7660	.127	1.1846	-.07832	-0.0180	.00145	.01000	.6100	.05572
.2	30.640	1.1154	5.219	.144	1.1194	-.07261	-0.0190	.00157	.01100	.65	.06146
.2	32.440	1.4483	5.1423	.171	.07605	.07156	-0.02074	-0.00004	.01128	.05779	.05117

GRADIENT

DATE 02 JUL 74

TABULATED SOURCE DATA - Q4628

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Q4628 B26C9015W7F8 W116E22V06S49

(R02101) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YREF = 43.5974 INCHES
 LEF = 19.2239 INCHES YREF = .0000 INCHES
 BREF = 37.9319 INCHES ZREF = 15.1875 INCHES
 SCALE = 1:4.05 SCALE

BETA = .0000 BOFLAP = -12.0000
 ELEVON = -15.0000 AILRON = .0000
 RODER = .0000 SPOBCK = 25.0000

PARAMETRIC DATA

RUN NO. 101/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WICH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
200	-4.320	-1.5380	.10905	.17020	-.54550	.16108	-.00110	.00160	.00900	.76700	.02828
200	-2.260	-1.4630	.09420	.16970	-.45170	.07645	-.00120	.00230	.00800	.79000	.02844
200	-1.120	-1.4140	.08720	.16960	-.40590	.07849	-.00130	.00240	.00700	.80300	.02855
200	-1.180	-1.3552	.08090	.16940	-.35550	.07971	-.00140	.00250	.00700	.81000	.02861
200	.830	-1.3190	.07610	.16930	-.30260	.08065	-.00150	.00230	.00700	.85400	.02861
200	1.860	-.26460	.07140	.17060	-.26210	.07939	-.00150	.00220	.00700	.89100	.02843
200	3.520	-.11950	.06180	.17210	-.17020	.07571	-.00150	.00240	.00600	1.02400	.02873
200	6.020	.01624	.05920	.17350	-.07570	.06813	-.00150	.00220	.00500	1.49500	.02693
200	8.150	.01930	.05620	.17530	.11740	.05620	-.00160	.00200	.00400	-3.05000	.02810
200	10.130	.01700	.05200	.17670	.07930	.04360	-.00140	.00220	.00400	.05000	.02926
200	12.010	.01590	.04780	.17830	.20590	.02978	-.00160	.00250	.00400	.32900	.02697
200	14.200	.01330	.03910	.17880	.31350	.01411	-.00130	.00160	.00200	.44000	.03196
200	16.360	.01100	.03170	.17620	.42930	-.00371	-.00090	.00090	.00100	.50000	.03396
200	18.440	.01040	.02590	.17270	.55250	-.00371	-.00060	.00040	.00100	.53000	.03176
200	20.570	.05190	.20400	.16730	.68200	-.00384	.00010	.00040	-.00000	.55000	.03238
200	22.600	.07580	.27610	.15970	.81290	-.00350	-.00030	.00020	-.00000	.57900	.0464
200	24.710	.09130	.33140	.16130	.89690	-.00491	-.00060	.00010	-.00000	.58500	.04507
200	26.770	.09150	.38620	.16230	.97800	-.00676	.00010	.00020	-.00000	.59000	.04963
200	28.610	.04130	.43560	.16710	1.03570	-.00681	.00160	.00340	-.00000	.59200	.05274
200	30.660	.04700	.48160	.17820	1.06460	-.006478	.00150	.00160	-.00000	.59000	.05787
200	GRADIENT	.04431	-.00549	.07022	.04571	.00032	-.00005	-.00015	-.00035	.02955	-.00002

Q4628 B26C9015W7F8 M16E28W85X9

(RDZ102) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = -20.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 102/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.360	-.59940	.12670	-.60730	.08075	-.00110	.00200	.00900	.77100	.02661
.200	-2.290	-.51190	.10960	-.51590	.08909	-.00120	.00120	.00800	.79200	.02680
.200	-1.250	-.46690	.10110	-.46900	.09086	-.00130	.00120	.00800	.80700	.02742
.200	-.210	-.42070	.09400	-.42100	.09243	-.00140	.00120	.00800	.82400	.02762
.200	.790	-.37600	.08800	-.37470	.09332	-.00140	.00140	.00700	.84600	.02722
.200	1.830	-.33370	.08100	-.33090	.09169	-.00130	.00130	.00700	.87300	.02851
.200	3.890	-.24320	.07210	-.23780	.08846	-.00150	.00130	.00600	.96100	.02692
.200	5.970	-.15200	.06480	-.14440	.08031	-.00160	.00100	.00600	1.16700	.02702
.200	8.010	-.06340	.06280	-.05400	.07106	-.00170	.00060	.00500	2.04300	.02610
.200	10.100	.02450	.06340	-.03530	.05813	-.00170	.00070	.00500	-1.51900	.02738
.200	12.170	.12120	.07040	.13230	.04352	-.00170	.00130	.00500	.05900	.02875
.200	14.240	.21580	.08510	.23020	.02945	-.00150	.00130	.00200	.30800	.03010
.200	16.330	.32530	.10990	.34310	.01398	-.00090	.00020	.00200	.42400	.03173
.200	18.420	.43720	.14310	.46010	-.00238	-.00010	.00260	-.00100	.48200	.03481
.200	20.490	.55160	.18600	.58090	-.01852	.00030	.00430	-.00300	.52100	.03717
.200	22.580	.65660	.23170	.70290	-.01970	-.00070	.00220	-.00200	.54600	.03879
.200	24.670	.74490	.30480	.80410	-.03392	-.00060	.00160	-.00100	.55900	.04284
.200	26.700	.80860	.35430	.88150	-.04689	.00020	.00130	-.00200	.56700	.04660
.200	28.780	.86120	.41110	.95280	-.05434	.00240	.00160	-.00500	.57300	.05002
.200	30.790	.87230	.45280	.98630	-.04894	.00320	.00210	-.00700	.57300	.05523
GRADIENT		.04336	-.00597	.04486	-.00013	-.00005	-.00206	-.00031	.03539	.00004

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B26C915W78 W16E28V8R5X9

(402103) (07 JUN 74)

REFERENCE DATA

SFEF = 4.4119 53.FT. XMRP = 43.5974 INCHES
LFEF = 19.2298 INCHES YMRP = .0000 INCHES
BFEF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -30.000 AILRON = .000
RUDDER = .000 SPOBRK = 25.000

RUN NO. 103/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	COF	CLM	CN	CAP	CYN	CBL	CY	XCP/L	CAB
.200	-4.350	-57370	.15960	.22740	-58390	.10760	-0.0260	-0.0100	.01200	.77430	.02626
.200	-2.330	-57340	.13730	.22120	-57850	.11447	-0.0210	.00060	.01100	.79210	.02718
.200	-1.300	-58360	.12940	.22140	-53240	.11714	-0.0160	.00090	.03900	.80800	.02754
.200	-2.70	-48550	.12190	.22170	-42610	.11944	-0.0160	.00070	.00910	.82100	.02742
.200	.770	-44250	.11900	.22350	-44390	.12100	-0.0170	.00020	.00800	.83800	.02700
.200	1.790	-40090	.11200	.22490	-39730	.12063	-0.0180	-0.0010	.00700	.85100	.02719
.200	3.800	-32240	.09710	.23260	-32120	.11591	-0.0180	.00020	.01800	.91620	.02697
.200	5.920	-24730	.08810	.23500	-23750	.11266	-0.0170	.00050	.00700	1.02710	.02554
.200	7.950	-15620	.08390	.23820	-14360	.10177	-0.0160	.00000	.00600	1.26100	.02617
.200	10.020	-07320	.07810	.24380	-05390	.08946	-0.0160	.00000	.00500	2.14500	.02676
.200	12.100	.01130	.06950	.25180	.02580	.07680	-0.0160	.00000	.00400	-2.46010	.02626
.200	14.150	.09180	.06970	.26030	.11200	.06403	-0.0120	.00000	.00200	.00000	.02473
.200	16.210	.19730	.10730	.26920	.21020	.04974	-0.0090	.00000	.00200	.00000	.03152
.200	18.330	.27610	.13210	.27790	.30540	.03797	-0.0070	.00000	.00100	.00000	.03297
.200	20.430	.37410	.16500	.27210	.41190	.02296	-0.0030	.00000	.00100	.00000	.03641
.200	22.460	.48120	.21730	.27770	.52760	.01767	.00010	.00000	.00200	.46230	.03145
.200	24.540	.56790	.26130	.27230	.61860	.01477	-0.0010	.00000	.00100	.49010	.03340
.200	26.620	.64790	.31760	.26410	.72150	.01548	.00000	.00000	.00300	.51900	.04423
.200	28.670	.70370	.37020	.26930	.79510	-0.01273	.00210	.00000	.00400	.53000	.04495
.200	30.700	.73840	.42430	.26610	.85160	-0.01220	.00320	.00000	.00500	.53700	.05209
GRADIENT		.04124	-0.00577	.01112	.04223	.00150	.00006	.00005	-0.00048	.02352	-0.00007

04628 B26C9015W7F8 W116E28V8R5X9

(RDZ104) (07 JUN 74)

REFERENCE DATA

S-EFF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 L-EFF = 19.2299 INCHES YMRP = .0000 INCHES
 B-EFF = 37.9359 INCHES YMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDELAP = -12.000
 ELEWON = -40.000 AILFON = .000
 RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 104/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.420	-7.2740	.19250	.24290	-.74010	-.13589	-.00220	.00220	.01300	.77200	.02669
.200	-2.350	-.63060	.16940	.23320	-.63700	.14331	-.00200	.00170	.01100	.74300	.02690
.200	-1.330	-.58430	.15830	.23640	-.58780	.14530	-.00180	.00130	.01000	.80000	.02771
.200	-.280	-.53510	.14910	.23410	-.53380	.14638	-.00170	.00110	.00900	.81200	.02715
.200	.770	-.43720	.14040	.23310	-.48320	.14698	-.00190	.00090	.00800	.82400	.02757
.200	1.760	-.44280	.13160	.23110	-.43650	.14539	-.00210	-.00050	.00700	.84700	.02863
.200	3.830	-.34530	.11330	.22960	-.33760	.14121	-.00220	-.00080	.00600	.91200	.02858
.200	5.880	-.26890	.10940	.23100	-.24830	.13537	-.00200	.00000	.00600	.93700	.02916
.200	7.950	-.17620	.10310	.23670	-.16720	.12654	-.00160	.00000	.00400	1.11500	.02912
.200	10.010	-.08230	.10110	.24160	-.07000	.11457	-.00140	.00050	.00300	.99200	.02833
.200	12.090	.00000	.10370	.24560	.02180	.10143	-.00130	.00160	.00200	-3.43200	.02837
.200	14.180	.03460	.11190	.24870	.11960	.08729	-.00120	.00130	.00200	-.11300	.03154
.200	16.240	.19190	.13210	.25240	.22120	.07316	-.00070	-.00030	.00100	.02200	.03225
.200	18.300	.27740	.15710	.25820	.31270	.06200	-.00070	-.00010	.00000	.34500	.03231
.200	20.370	.35720	.18790	.26900	.40160	.05161	-.00150	-.00070	.00000	.41500	.03619
.200	22.460	.44160	.23420	.27530	.49760	.04774	-.00140	-.00020	.00000	.44800	.04034
.200	24.510	.50690	.26960	.28450	.57310	.03501	-.00140	-.00010	-.00000	.46300	.04454
.200	26.560	.57040	.31340	.28140	.65060	.02557	.00050	.00040	-.00000	.49100	.04519
.200	28.620	.62240	.36560	.28520	.72680	.01990	.00240	.00130	-.00000	.50700	.04841
.200	30.670	.67190	.41870	.28240	.79170	.01780	.00660	.00090	-.00000	.52100	.05211
.200	GRADIENT	.04565	-.00808	-.00122	.04609	-.01020	-.00000	-.00028	-.00072	.02133	.00024



DATE 02 JUL 74

TABULATED SOURCE DATA - QM62B

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QM62B B26C9 M7F8 W116E28V0R5X9

(RD2105) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP -12.000
ELEVON = -40.000 AILRON .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 105/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.420	-.73140	.16150	.24920	-.74170	.10463	-.00190	.00180	.01000	.77500	.03039
.205	-2.370	-.63640	.13970	.24470	-.64160	.11323	-.00190	.00140	.01000	.79200	.02926
.205	-1.310	-.58630	.12870	.24280	-.58910	.11524	-.00190	.00110	.00900	.80300	.03001
.200	-.290	-.53810	.11940	.24040	-.53870	.11672	-.00190	.00090	.00800	.81600	.03006
.200	.710	-.48770	.11010	.23810	-.48630	.11624	-.00200	.00060	.00800	.83200	.03062
.200	1.770	-.43440	.10190	.23430	-.43100	.11527	-.00220	.00000	.00800	.85200	.03008
.200	3.870	-.33540	.08830	.23130	-.32880	.11057	-.00220	.00000	.00600	.91100	.03177
.205	5.890	-.24460	.08100	.23220	-.23500	.10570	-.00190	.00060	.00600	1.01500	.03195
.200	7.970	-.15840	.07480	.23650	-.14650	.09610	-.00180	.00070	.00500	1.24500	.03265
.200	10.020	-.07190	.07490	.24030	-.05780	.08529	-.00160	.00140	.00400	2.118100	.03213
.200	12.100	.02250	.07940	.24420	.03870	.07297	-.00180	.00220	.00400	-1.67000	.03350
.200	14.200	.12360	.09350	.24410	.14280	.06029	-.00150	.00150	.00300	.02300	.03216
.200	16.230	.21970	.11190	.24820	.24220	.04602	-.00070	.00180	.00300	.27500	.03377
.200	18.300	.31210	.13870	.25300	.33990	.03364	.00010	.00320	.00000	.37800	.03318
.200	20.380	.40490	.17140	.25730	.43920	.01961	.00090	.00470	.00000	.43600	.03582
.200	22.480	.49660	.22130	.26000	.54350	.01463	.00040	.00230	.00000	.47600	.03971
.200	24.540	.56220	.26530	.27080	.62160	.00784	.00110	.00300	-.00200	.49100	.04358
.200	26.620	.64140	.31410	.27100	.71410	-.00652	-.00210	.00220	.00100	.51200	.04592
.200	28.650	.67950	.36380	.28080	.77070	-.00665	-.00370	-.00070	.00400	.51800	.04625
.200	30.700	.72610	.42560	.28770	.84010	-.00734	-.00340	.00130	.00100	.52600	.05263
GRADIENT		.04770	-.00790	-.00183	.04961	-.00013	-.00002	-.00015	-.00045	.02225	.00022

04628 B25C9 M7F8 W116E28V8R5X9

(R02106) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = -30.000 AIRRON = .000
RUDDER = .000 SPDGRK = 25.000

PARAMETRIC DATA

RUN NO. 106/0 RN/L = 1.4° GRADIENT INTERVAL = .5° / 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.410	-.66370	.12820	.22700	-.67160	.07684	-.00260	.00010	.01100	.77600	.02877
.200	-2.300	-.56860	.10750	.22450	-.57240	.08466	-.00170	.00060	.00800	.79600	.02873
.200	-1.300	-.52380	.10030	.22430	-.52590	.08833	-.00190	.00040	.00700	.80900	.02853
.200	-.260	-.48080	.09180	.22480	-.48130	.08964	-.00190	.00020	.00700	.82400	.02917
.200	.720	-.43270	.08590	.22330	-.43160	.09148	-.00190	.00010	.00700	.84200	.02808
.200	1.780	-.38720	.07710	.22420	-.38460	.08959	-.00190	.00000	.00600	.86600	.03103
.200	3.830	-.29260	.06740	.22290	-.28750	.08689	-.00190	-.00030	.00400	.89700	.02955
.200	5.920	-.20220	.05970	.22410	-.19500	.08030	-.00190	-.00120	.00500	1.07500	.02963
.200	7.960	-.11350	.05510	.22720	-.10470	.07035	-.00220	-.00200	.00400	1.45000	.02959
.200	10.040	-.02190	.05490	.23230	-.01390	.05830	-.00240	-.00200	.00500	6.79400	.03110
.200	12.100	.06120	.06090	.23700	.07260	.04675	-.00250	-.00200	.00500	-.54700	.03013
.200	14.170	.14760	.07180	.24460	.16070	.03345	-.00250	-.00470	.00500	.09200	.03135
.200	16.250	.24600	.09240	.24780	.26210	.01986	-.00220	-.00470	.00500	.30400	.03293
.200	18.320	.33190	.11570	.25510	.35150	.00550	-.00120	-.00090	.00300	.38500	.03410
.200	20.380	.41860	.14950	.26380	.44440	-.00566	-.00040	.00160	.00100	.43300	.03528
.200	22.460	.50120	.19800	.26920	.53880	-.00845	-.00020	.00120	.00070	.46800	.03623
.200	24.540	.58450	.24730	.27260	.63440	-.01773	.00030	.00300	-.00200	.49400	.03975
.200	26.600	.66810	.30080	.27000	.73210	-.03028	-.00160	.00560	-.00300	.51600	.04224
.200	28.680	.74600	.36190	.26910	.82820	-.04051	-.00160	.00850	-.00300	.53200	.04626
.200	30.730	.79850	.42650	.27400	.90440	-.04140	-.00220	.01020	-.00500	.54000	.05244
GRADIENT		.04478	-.00659	-.00026	.04623	.00024	.00004	-.00014	-.00057	.12742	.00013

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

(RDZ107) (07 JUN 74)

04628 B26C9 W7F8 W16E28W85X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0000 BDFLAP = -12.000
ELEVON = -20.000 AILRON = .000
RUDDER = .0000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 107 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.360	-.62330	.09920	.21200	-.62900	.05160	-.00170	.00090	.00900	.77600	.02677
.200	-2.290	-.53030	.08100	.21580	-.53310	.05972	-.00150	.00070	.00800	.79700	.02621
.200	-1.120	-.44600	.07330	.21550	-.43760	.06239	-.00150	.00090	.00700	.81100	.02602
.200	-.210	-.43780	.06480	.21050	-.43800	.06325	-.00160	.00090	.00700	.82900	.02695
.200	.800	-.38960	.05920	.20990	-.38870	.06474	-.00160	.00090	.00600	.85000	.02602
.200	1.830	-.34260	.05280	.21010	-.34080	.06380	-.00170	.00090	.00600	.87900	.02646
.200	3.900	-.24950	.04330	.21110	-.24600	.06118	-.00170	.00090	.00600	.96600	.02620
.200	5.980	-.15730	.03750	.21160	-.15290	.05369	-.00150	.00090	.00400	1.16200	.02554
.200	8.000	-.06680	.03460	.21390	-.06130	.04359	-.00160	.00080	.00500	1.93500	.02628
.200	10.100	.02390	.03690	.21620	.03000	.03218	-.00160	.00080	.00300	-1.99400	.02638
.200	12.130	.11620	.04430	.22070	.12290	.01895	-.00170	.00110	.00200	-.00800	.02807
.200	14.230	.21910	.06110	.22020	.22740	.00539	-.00150	.00020	.00300	.29500	.02870
.200	16.310	.32970	.08540	.21850	.34040	-.01065	-.00130	.00020	.00300	.41500	.03109
.200	18.440	.44290	.11820	.21640	.45760	-.02799	-.00060	.00190	.00000	.47800	.03405
.200	20.500	.55800	.16120	.21160	.57910	-.04441	-.00040	.00340	-.00200	.51700	.03667
.200	22.560	.66340	.22890	.20340	.70090	-.06320	-.00100	.00220	.00100	.54500	.03717
.200	24.650	.76230	.28710	.20220	.81260	-.08706	-.00070	.00460	-.00200	.56000	.04068
.200	26.770	.85570	.33200	.19750	.92260	-.07125	-.00070	.00730	-.00500	.57300	.04534
.200	28.790	.92600	.41540	.19680	1.01160	-.08195	-.00130	.00980	-.00400	.58000	.05005
.200	30.810	.92150	.46570	.21180	1.03000	-.07214	-.00170	.00980	-.00600	.57600	.05273
	GRADIENT	.04522	-.00595	-.00005	.04623	.07010	.00000	.00002	-.00043	.03447	-.00008

(07 JUN 74)

0462B B26C9 W7F8 W16E28V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.F.T. XMRP = 43.5974 INCHES
 LREF = 19.2239 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0475 SCALE

BETA = .0000 BDELAP = -12.0000
 ELEVON = -15.0000 AILRON = .0000
 RUDDER = .0000 SPDRK = 25.0000

PARAMETRIC DATA

RUN NO. 108/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.290	-55930	.08140	-56380	.03929	-.00170	.00240	.00800	.77100	.02721
.200	-2.240	-46660	.06470	-46880	.04637	-.00160	.00230	.00600	.79400	.02775
.200	-1.120	-41770	.05820	-41800	.04952	-.00150	.00230	.00600	.81100	.02741
.200	-1.180	-37060	.05140	-37080	.05024	-.00150	.00220	.00500	.83200	.02861
.200	.850	-32360	.04750	-32290	.05232	-.00160	.00220	.00500	.85800	.02709
.200	1.890	-27590	.04210	-27470	.05118	-.00160	.00230	.00500	.89600	.02802
.200	3.990	-18210	.03490	-17920	.04751	-.00160	.00240	.00400	1.02500	.02676
.200	6.010	-08800	.03210	-08410	.04118	-.00160	.00230	.00400	1.45200	.02694
.200	8.090	-00690	.03280	-01150	.03157	-.00140	.00230	.00200	-5.23500	.02576
.200	10.130	.10710	.03780	.10520	.01967	-.00150	.00270	.00100	.00100	.02688
.200	12.210	.19650	.04790	.20220	.00524	-.00160	.00270	.00100	.30900	.02782
.200	14.300	.30570	.06750	.31290	-.00016	-.00130	.00450	.00000	.43300	.02971
.200	16.380	.42110	.09510	.43080	-.02744	-.00120	.00070	.00000	.49600	.03234
.200	18.460	.53690	.13170	.55100	-.04504	-.00070	.00250	.00000	.53300	.03511
.200	20.570	.65430	.17950	.67570	-.06172	.00020	.00450	-.00300	.55800	.03685
.200	22.660	.76580	.25570	.80520	-.05903	-.00160	.00300	.00000	.57800	.03952
.200	24.740	.85960	.31700	.91340	-.07183	-.00140	.00490	-.00200	.58800	.04191
.200	26.830	.95370	.38680	1.02560	-.08528	-.00070	.00830	-.00700	.59600	.04703
.200	28.870	1.01510	.45010	1.10630	-.09614	-.00180	.00980	-.00400	.60000	.05143
.200	30.860	.98470	.49750	1.09690	-.08407	-.00220	.01290	-.01000	.59700	.05907
.200	GRADIENT	.04571	-.00557	.04661	.00104	.00001	.00000	-.00044	.02923	-.00004

OM62B B26C9 W7F8 M16E28W8R5X2

(RDZ109) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPDRBK = 25.000

RUN NO. 109/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.260	-4.7350	.06610	-4.7710	.03073	-1.00170	.00180	.00800	.76300	.02993
.200	-2.200	-3.7930	.05210	-3.8100	.03750	-1.00160	.00170	.00700	.79100	.03067
.200	-1.150	-3.2920	.04720	-3.3010	.04061	-1.00170	.00170	.00700	.81200	.02977
.200	-1.120	-2.8240	.04240	-2.8250	.04179	-1.00170	.00160	.00700	.83900	.02980
.200	.870	-2.3680	.03890	-2.3610	.04260	-1.00160	.00170	.00600	.87500	.02936
.200	1.940	-1.8620	.03510	-1.8490	.04139	-1.00160	.00180	.00500	.93900	.02999
.200	3.490	-1.9290	.03140	-.09040	.03779	-1.00150	.00190	.00400	1.23900	.01888
.200	6.040	.00010	.03070	-.00330	.03053	-1.00150	.00190	.00400	-15.31400	.02812
.200	8.130	.09770	.03320	.01240	.01910	-1.00150	.00200	.00300	.12300	.02830
.200	10.220	.19340	.04100	.19760	.01605	-1.00150	.00190	.00200	.37800	.02902
.200	12.270	.29300	.05430	.29780	-.00923	-1.00150	.00190	.00200	.46900	.03035
.200	14.360	.40310	.07720	.40970	-.02522	-1.00120	.00120	.00000	.52100	.03208
.200	16.430	.51850	.10820	.52790	-.04285	-1.00120	.00030	.00000	.55400	.03435
.200	18.530	.63890	.15020	.65360	-.06062	-1.00100	.00180	.00000	.57600	.03633
.200	20.610	.75540	.20140	.77800	-.07749	-1.00000	.00360	-.00200	.59100	.03837
.200	22.690	.86450	.26550	.90770	-.09016	-1.00180	.00320	.00100	.60500	.04179
.200	24.800	.96700	.34930	1.11800	-.09563	-1.00130	.00530	-.00100	.61000	.04547
.200	26.860	1.05390	.42550	1.13250	-.09675	-1.00060	.00930	-.00900	.61600	.04982
.200	28.920	1.11040	.48930	1.20340	-.10598	-1.00180	.00910	-.00400	.61700	.05445
.200	30.880	1.02460	.51050	1.14140	-.08789	-1.00080	.00380	-.00100	.60100	.05470
.200	GRADIENT	.04626	-.00419	.04700	.00008	.00002	.00001	-.00049	.05228	-.00014

OM62B B26C9 W7F8 W116E26V8R5X9

(RDZ110) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.000
ELEVON = -10.000 AILRON = .000
RUDDER = .0000 SPDPRK = 25.000

RUN NO. 110/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.250	-1.47970	.06610	-1.43300	.03041	-.00150	.00180	.00800	.76500	.02955
.200	-2.200	-1.38700	.05280	-.38870	.03789	-.00160	.00180	.00700	.79100	.02953
.200	-1.150	-1.33810	.04740	-.33900	.04055	-.00150	.00180	.00600	.81100	.02908
.200	-.130	-.29180	.04180	-.29190	.04116	-.00160	.00190	.00600	.83800	.03009
.200	-.900	-.24340	.03630	-.24280	.04218	-.00160	.00180	.00600	.87600	.02944
.200	1.940	-.19440	.03510	-.19310	.04175	-.00160	.00200	.00500	.93400	.02871
.200	3.990	-.10390	.03060	-.10150	.03777	-.00160	.00220	.00400	1.19200	.02901
.200	6.040	-.01060	.02880	-.00750	.02983	-.00170	.00210	.00400	7.92300	.02869
.200	8.130	.02000	.03190	.00870	.01960	-.00150	.00220	.00300	.02600	.02765
.200	10.200	.18110	.03930	.18520	.00665	-.00160	.00230	.00200	.02000	.02847
.200	12.280	.27950	.05290	.28440	-.00772	-.00160	.00220	.00200	.05400	.02914
.200	14.370	.39090	.07500	.39730	-.02436	-.00150	.00150	.00000	.01200	.03146
.200	16.440	.50980	.10600	.51890	-.04253	-.00110	.00070	.00000	.04800	.03418
.200	18.510	.62440	.14720	.63880	-.05871	-.00110	.00240	.00000	.07100	.03497
.200	20.620	.74550	.19920	.76790	-.07505	-.00010	.00430	-.00300	.08800	.03731
.200	22.710	.85660	.26160	.88890	-.07100	-.00010	.00350	.00000	.06300	.04196
.200	24.790	.95750	.34840	1.11530	-.08530	-.00010	.00610	-.00200	.06300	.04581
.200	26.900	1.05590	.42660	1.13470	-.09736	-.00030	.01060	-.00900	.61700	.04986
.200	28.920	1.10690	.48960	1.20470	-.10625	-.00010	.01050	-.00400	.61700	.05443
.200	30.900	1.03860	.51510	1.15580	-.09153	-.00120	.01180	-.01100	.60200	.05490
.200	GRADIENT	.04581	-.00431	.04654	.00090	-.00000	.00005	-.00046	.04754	-.00008

04628 B26C9 W7F8 WL16E28W85X9

(RDZ111) (07 JUN 74)

REFERENCE DATA

SKEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA =
 ELEVON =
 RUDDER =

.0000 BDFLAP = -12.000
 -5.000 AILRON = .000
 .0000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 111/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.210	-3.7295	.03340	-.37590	.02585	-.00160	.00270	.00600	.74950	.02249
.200	-2.150	-2.7860	.04270	-.28000	.03220	-.00160	.00260	.00500	.78200	.03272
.200	-1.100	-2.2910	.03840	-.22980	.03407	-.00160	.00260	.00600	.81000	.03286
.200	-.760	-1.8240	.03550	-.18250	.03537	-.00150	.00260	.00500	.85100	.03196
.200	.940	-1.3470	.03320	-.13410	.03546	-.00160	.00270	.00400	.92300	.03213
.200	1.930	-.08780	.03090	-.08670	.03357	-.00160	.00280	.00400	1.07400	.03242
.200	4.030	.00620	.03130	.02830	.02968	-.00150	.00290	.00200	-3.71300	.03152
.200	6.110	.10340	.02990	.10630	.02103	-.00150	.00290	.00200	.30600	.03128
.200	8.190	.20200	.02950	.20550	.00994	-.00150	.00290	.00100	.47300	.03015
.200	10.240	.30030	.02930	.30430	-.00466	-.00150	.00270	.00100	.53200	.03172
.200	12.330	.40110	.02760	.40630	-.01958	-.00130	.00280	.00000	.56200	.03178
.200	14.420	.51430	.02360	.52140	-.03740	-.00080	.00230	-.00100	.58400	.03491
.200	16.500	.62920	.02970	.64070	-.05446	-.00080	.00170	-.00100	.60000	.03592
.200	18.600	.75520	.01760	.77200	-.07377	-.00080	.00260	-.00200	.61300	.03883
.200	20.690	.87470	.02180	.90020	-.09221	-.00030	.00430	-.00200	.62100	.04199
.200	22.780	.97640	.02250	1.12510	-.08370	-.00170	.00450	-.00100	.62900	.04677
.200	24.850	1.07050	.03410	1.13700	-.09232	.00000	.00750	-.00000	.63300	.04986
.200	26.940	1.16480	.02250	1.25240	-.11662	.00000	.01160	-.01400	.63600	.05486
.200	28.970	1.19410	.03260	1.30270	-.11246	-.00250	.00830	-.00200	.63200	.05904
.200	30.890	1.03750	.02300	1.15880	-.08386	.00240	-.01100	.01000	.61000	.06919
.200	GRADIENT	.04603	-.00280	.04665	.00049	.00001	.00303	-.00046	-.39500	-.00012

(RDZ112) (07 JUN 74)

OM628 B26C9 M7F8 W16E28W85X9

PARAMETRIC DATA

BETA = .005
ELEVON = 15.000
RUDDER = .000
BDFLAP = -12.000
AILRON = .000
SPDBRK = 25.000

REFERENCE DATA

SREF = 4.4119 SQ.FT.
LREF = 19.2299 INCHES
BREF = 37.9359 INCHES
SCALE = .0405 SCALE

RUN NO. 112/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.010	.02920	.03950	-.08920	.02640	.04147	-.00190	.00290	.00700	1.83800	.04497
.200	-1.940	.12400	.04140	-.08800	.12260	.04560	-.00180	.10320	.00600	.91000	.04438
.200	-1.920	.17050	.04410	-.08600	.16970	.04689	-.00180	.10300	.00500	.83800	.04318
.200	.100	.21750	.04700	-.08630	.21760	.04666	-.00180	.10310	.00500	.79800	.04300
.200	1.130	.26460	.05050	-.08630	.26560	.04533	-.00190	.00290	.00500	.77100	.04237
.200	2.170	.30920	.05420	-.08640	.31170	.04247	-.00200	.00300	.00500	.75400	.04269
.200	4.200	.39800	.06480	-.08430	.40170	.03545	-.00210	.00280	.00500	.72900	.04116
.200	6.280	.49240	.07970	-.08430	.49820	.02535	-.00240	.00270	.00600	.71400	.03974
.200	8.350	.58850	.09750	-.08460	.59660	.01137	-.00250	.00210	.00600	.70400	.03998
.200	10.430	.69340	.12470	-.08790	.70500	-.01298	-.00250	.00180	.00500	.69800	.03828
.200	12.510	.80610	.15760	-.09220	.82110	-.02078	-.00200	.00230	.00200	.69300	.04138
.200	14.620	.93360	.19950	-.09730	.93440	-.03753	-.00150	.00180	.00100	.69000	.04238
.200	16.660	1.02360	.24980	-.10240	1.05220	-.05417	-.00160	-.00090	.00200	.68700	.04362
.200	18.760	1.14890	.31220	-.11190	1.18840	-.07336	-.00220	.00150	.00200	.68600	.04707
.200	20.860	1.24150	.39710	-.11660	1.30150	-.07117	-.00290	.00360	-.00200	.68500	.05258
.200	22.940	1.33910	.49590	-.12790	1.42650	-.08523	-.00320	.00720	-.00600	.68500	.05699
.200	25.030	1.43420	.58120	-.13350	1.54540	-.08024	-.00470	.01420	-.01900	.68300	.06430
.200	27.090	1.46460	.64960	-.10360	1.59980	-.08865	-.00630	.01210	-.01200	.67700	.06878
.200	29.000	1.28100	.62170	-.01010	1.42180	-.07734	-.00630	.01150	-.01700	.65600	.06710
.200	30.910	1.13640	.61340	.04100	1.29180	-.05861	-.00260	-.00680	.00100	.64000	.06890
GRADIENT		.04552	.00309	.00076	.04582	-.00074	-.00003	-.00002	-.00023	-.11185	-.00045

04628 B26C9 WFF8 W16E26WRS10

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LEF = 19.2239 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1375 INCHES
 SCALE = .0435 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVEN = 15.000 AILPON = .000
 RUDDER = .000 SPDBEX = 25.000

RUN NO. 113/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.20	-4.000	.03500	.04050	-.08320	.02720	.04259	-.00180	.00320	.00500	1.00500	.04373
.20	-1.940	.02240	.04140	-.06420	.02030	.04557	-.00180	.00330	.00600	.91300	.04365
.20	-1.910	.01720	.04370	-.06650	.01700	.04652	-.00170	.00340	.00500	.83700	.04365
.20	.130	.02730	.04830	-.06650	.02270	.04784	-.00180	.00320	.00500	.79500	.04417
.20	1.150	.02620	.05000	-.06710	.02300	.04777	-.00170	.00340	.00400	.77300	.04316
.20	2.150	.00590	.05510	-.06700	.01180	.04300	-.00190	.00300	.00400	.75400	.04133
.20	4.240	.00170	.05530	-.06590	.00540	.03542	-.00210	.00230	.00500	.73100	.04131
.20	6.300	.00040	.05000	-.06610	.00120	.02512	-.00240	.00260	.00500	.71500	.03930
.20	8.370	.00000	.03980	-.06720	.00000	.01157	-.00240	.00210	.00500	.70000	.04120
.20	10.450	.00000	.02450	-.06720	.00000	-.00479	-.00250	.00180	.00500	.69300	.04113
.20	12.540	.00000	.01530	-.06900	.00000	-.02166	-.00210	.00240	.00300	.69500	.04239
.20	14.620	.00000	.00710	-.06510	.00000	-.03816	-.00110	.00160	.00100	.69210	.04351
.20	16.710	.00000	.00000	-.06110	.00000	-.05635	-.00170	-.00190	.00100	.69310	.04466
.20	18.800	.00000	.00000	-.05710	.00000	-.07402	-.00230	.00140	.00100	.69300	.04447
.20	20.910	.00000	.00000	-.05260	.00000	-.09232	.00290	.00000	.00200	.69300	.05432
.20	22.970	.00000	.00000	-.04720	.00000	-.11060	.00330	.00000	.00300	.69300	.05670
.20	25.040	.00000	.00000	-.04170	.00000	-.12884	.00310	.00000	.00400	.69400	.06636
.20	27.080	.00000	.00000	-.03570	.00000	-.14700	.00210	.00000	.00500	.69400	.07016
.20	29.000	.00000	.00000	-.02910	.00000	-.16544	.00100	.00000	.00600	.69300	.07805
.20	31.000	.00000	.00000	-.02200	.00000	-.18379	.00000	.00000	.00700	.69300	.08459
.20	33.000	.00000	.00000	-.01500	.00000	-.20200	.00000	.00000	.00800	.69300	.09000
.20	35.000	.00000	.00000	-.00800	.00000	-.22000	.00000	.00000	.00900	.69300	.09400
.20	37.000	.00000	.00000	-.00100	.00000	-.23800	.00000	.00000	.01000	.69300	.09700
.20	39.000	.00000	.00000	.00000	.00000	-.25600	.00000	.00000	.01100	.69300	.10000
.20	41.000	.00000	.00000	.00000	.00000	-.27400	.00000	.00000	.01200	.69300	.10300
.20	43.000	.00000	.00000	.00000	.00000	-.29200	.00000	.00000	.01300	.69300	.10600
.20	45.000	.00000	.00000	.00000	.00000	-.31000	.00000	.00000	.01400	.69300	.10900
.20	47.000	.00000	.00000	.00000	.00000	-.32800	.00000	.00000	.01500	.69300	.11200
.20	49.000	.00000	.00000	.00000	.00000	-.34600	.00000	.00000	.01600	.69300	.11500
.20	51.000	.00000	.00000	.00000	.00000	-.36400	.00000	.00000	.01700	.69300	.11800
.20	53.000	.00000	.00000	.00000	.00000	-.38200	.00000	.00000	.01800	.69300	.12100
.20	55.000	.00000	.00000	.00000	.00000	-.40000	.00000	.00000	.01900	.69300	.12400
.20	57.000	.00000	.00000	.00000	.00000	-.41800	.00000	.00000	.02000	.69300	.12700
.20	59.000	.00000	.00000	.00000	.00000	-.43600	.00000	.00000	.02100	.69300	.13000
.20	61.000	.00000	.00000	.00000	.00000	-.45400	.00000	.00000	.02200	.69300	.13300
.20	63.000	.00000	.00000	.00000	.00000	-.47200	.00000	.00000	.02300	.69300	.13600
.20	65.000	.00000	.00000	.00000	.00000	-.49000	.00000	.00000	.02400	.69300	.13900
.20	67.000	.00000	.00000	.00000	.00000	-.50800	.00000	.00000	.02500	.69300	.14200
.20	69.000	.00000	.00000	.00000	.00000	-.52600	.00000	.00000	.02600	.69300	.14500
.20	71.000	.00000	.00000	.00000	.00000	-.54400	.00000	.00000	.02700	.69300	.14800
.20	73.000	.00000	.00000	.00000	.00000	-.56200	.00000	.00000	.02800	.69300	.15100
.20	75.000	.00000	.00000	.00000	.00000	-.58000	.00000	.00000	.02900	.69300	.15400
.20	77.000	.00000	.00000	.00000	.00000	-.59800	.00000	.00000	.03000	.69300	.15700
.20	79.000	.00000	.00000	.00000	.00000	-.61600	.00000	.00000	.03100	.69300	.16000
.20	81.000	.00000	.00000	.00000	.00000	-.63400	.00000	.00000	.03200	.69300	.16300
.20	83.000	.00000	.00000	.00000	.00000	-.65200	.00000	.00000	.03300	.69300	.16600
.20	85.000	.00000	.00000	.00000	.00000	-.67000	.00000	.00000	.03400	.69300	.16900
.20	87.000	.00000	.00000	.00000	.00000	-.68800	.00000	.00000	.03500	.69300	.17200
.20	89.000	.00000	.00000	.00000	.00000	-.70600	.00000	.00000	.03600	.69300	.17500
.20	91.000	.00000	.00000	.00000	.00000	-.72400	.00000	.00000	.03700	.69300	.17800
.20	93.000	.00000	.00000	.00000	.00000	-.74200	.00000	.00000	.03800	.69300	.18100
.20	95.000	.00000	.00000	.00000	.00000	-.76000	.00000	.00000	.03900	.69300	.18400
.20	97.000	.00000	.00000	.00000	.00000	-.77800	.00000	.00000	.04000	.69300	.18700
.20	99.000	.00000	.00000	.00000	.00000	-.79600	.00000	.00000	.04100	.69300	.19000
.20	101.000	.00000	.00000	.00000	.00000	-.81400	.00000	.00000	.04200	.69300	.19300
.20	103.000	.00000	.00000	.00000	.00000	-.83200	.00000	.00000	.04300	.69300	.19600
.20	105.000	.00000	.00000	.00000	.00000	-.85000	.00000	.00000	.04400	.69300	.19900
.20	107.000	.00000	.00000	.00000	.00000	-.86800	.00000	.00000	.04500	.69300	.20200
.20	109.000	.00000	.00000	.00000	.00000	-.88600	.00000	.00000	.04600	.69300	.20500
.20	111.000	.00000	.00000	.00000	.00000	-.90400	.00000	.00000	.04700	.69300	.20800
.20	113.000	.00000	.00000	.00000	.00000	-.92200	.00000	.00000	.04800	.69300	.21100
.20	115.000	.00000	.00000	.00000	.00000	-.94000	.00000	.00000	.04900	.69300	.21400
.20	117.000	.00000	.00000	.00000	.00000	-.95800	.00000	.00000	.05000	.69300	.21700
.20	119.000	.00000	.00000	.00000	.00000	-.97600	.00000	.00000	.05100	.69300	.22000
.20	121.000	.00000	.00000	.00000	.00000	-.99400	.00000	.00000	.05200	.69300	.22300
.20	123.000	.00000	.00000	.00000	.00000	-.10100	.00000	.00000	.05300	.69300	.22600
.20	125.000	.00000	.00000	.00000	.00000	-.10300	.00000	.00000	.05400	.69300	.22900
.20	127.000	.00000	.00000	.00000	.00000	-.10500	.00000	.00000	.05500	.69300	.23200
.20	129.000	.00000	.00000	.00000	.00000	-.10700	.00000	.00000	.05600	.69300	.23500
.20	131.000	.00000	.00000	.00000	.00000	-.10900	.00000	.00000	.05700	.69300	.23800
.20	133.000	.00000	.00000	.00000	.00000	-.11100	.00000	.00000	.05800	.69300	.24100
.20	135.000	.00000	.00000	.00000	.00000	-.11300	.00000	.00000	.05900	.69300	.24400
.20	137.000	.00000	.00000	.00000	.00000	-.11500	.00000	.00000	.06000	.69300	.24700
.20	139.000	.00000	.00000	.00000	.00000	-.11700	.00000	.00000	.06100	.69300	.25000
.20	141.000	.00000	.00000	.00000	.00000	-.11900	.00000	.00000	.06200	.69300	.25300
.20	143.000	.00000	.00000	.00000	.00000	-.12100	.00000	.00000	.06300	.69300	.25600
.20	145.000	.00000	.00000	.00000	.00000	-.12300	.00000	.00000	.06400	.69300	.25900
.20	147.000	.00000	.00000	.00000	.00000	-.12500	.00000	.00000	.06500	.69300	.26200
.20	149.000	.00000	.00000	.00000	.00000	-.12700	.00000	.00000	.06600	.69300	.26500
.20	151.000	.00000	.00000	.00000	.00000	-.12900	.00000	.00000	.06700	.69300	.26800
.20	153.000	.00000	.00000	.00000	.00000	-.13100	.00000	.00000	.06800	.69300	.27100
.20	155.000	.00000	.00000	.00000	.00000	-.13300	.00000	.00000	.06900	.69300	.27400
.20	157.000	.00000	.00000	.00000	.00000	-.13500	.00000	.00000	.07000	.69300	.27700
.20	159.000	.00000	.00000	.00000	.00000	-.13700	.00000	.00000	.07100	.69300	.28000
.20	161.000	.00000	.00000	.00000	.00000	-.13900	.00000	.00000	.07200	.69300	.28300
.20	163.000	.00000	.00000	.00000	.00000	-.14100	.00000	.00000	.07300	.69300	.28600
.20	165.000	.00000	.00000	.00000	.00000	-.14300	.00000	.00000	.07400	.69300	.28900
.20	167.000	.00000	.00000	.00000	.00000	-.14500	.00000	.00000	.07500	.69300	.29200
.20	169.000	.00000	.00000	.00000	.00000	-.14700	.00000	.00000	.07600	.69300	.29500
.20	171.000	.00000	.00000	.00000	.00000	-.14900	.00000	.00000	.07700	.69300	.29800
.20	173.000	.00000	.00000	.00000	.00000	-.15100	.00000	.00000	.07800	.69300	.30100
.20	175.000	.00000	.00000	.00000	.00000	-.15300	.00000	.00000	.07900	.69300	.30400
.20	177.000	.00000	.00000	.00000	.00000	-.15500	.00000	.00000	.08000	.69300	.30700
.20	179.000	.00000	.00000	.00000	.00000	-.15700	.00000	.00000	.08100	.69300	.31000
.20	181.000	.00000	.00000	.00000	.00000	-.15900	.00000	.00000	.08200	.69300	.31300
.20	183.000	.00000	.00000	.00000	.00000	-.16100	.00000	.00000	.0831		

DATE 22 JUL 74

TABULATED SOURCE DATA - QM62B

(RG2115) (07 JUN 74)

CA62B B26C9 W7F0 WZ16E28V8F5X9

REFERENCE DATA

SEEF = 4.419 SQ.FT. YMEP = 43.9974 INCHES
LEEF = 19.2239 INCHES YMEP = .0000 INCHES
BSEF = 37.9339 INCHES ZMEP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA =
ELEVON =
RUDDER =

PARAMETRIC DATA

GRADIENT INTERVAL = -6.00/ 6.00

[illegible]

DATE 02 JUL 74

TABULATED SOURCE DATA - QM628

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QM628 B26C9 MTF8 W16E26V8R5X9

(RDZ116) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YMRP = .0000 INCHES
BTFP = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 5.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 116/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.100	-1.7140	.03760	.00820	-1.17360	.02531	-.00170	.00350	.00500	.66900	.03871
.200	-2.050	-.07950	.03220	.00790	-.08070	.02940	-.00160	.00360	.00500	.68800	.03952
.200	-.990	-.02920	.03320	.00830	-.02980	.03274	-.00140	.00350	.00500	.75400	.03879
.200	.000	.01520	.03200	.00830	.01520	.03207	-.00170	.00360	.00400	.45100	.03755
.200	1.030	.06310	.03240	.00800	.06360	.03126	-.00170	.00360	.00400	.60500	.03761
.200	2.100	.11400	.03530	.00780	.11520	.03112	-.00160	.00360	.00400	.82700	.03591
.200	4.130	.20730	.03830	.00770	.20960	.02333	-.00170	.00360	.00300	.63800	.03692
.200	6.220	.30630	.04770	.00680	.30960	.01429	-.00190	.00360	.00300	.64400	.03534
.200	8.260	.40350	.05980	.00620	.40790	.00121	-.00180	.00350	.00300	.64600	.03535
.200	10.330	.50390	.07810	.00480	.50970	-.01353	-.00190	.00340	.00200	.64800	.03546
.200	12.430	.61120	.10260	.00310	.61890	-.03138	-.00140	.00360	.00000	.65000	.03796
.200	14.500	.71750	.13610	-.00140	.72870	-.04797	-.00090	.00270	-.00100	.65200	.03855
.200	16.570	.83920	.18120	-.00880	.85600	-.06569	-.00080	.00150	-.00100	.65500	.04023
.200	18.700	.96010	.23600	-.01690	.98510	-.08437	-.00110	.00310	-.00100	.65800	.04275
.200	20.800	1.07640	.31390	-.02940	1.11770	-.08875	-.00160	.00760	-.00170	.66100	.04719
.200	22.850	1.17750	.40410	-.03990	1.24200	-.08904	-.00090	.00690	-.00400	.66400	.05456
.200	24.940	1.27610	.48700	-.04420	1.36240	-.09651	-.00150	.01150	-.01500	.66400	.05765
.200	27.040	1.35650	.56840	-.04470	1.46670	-.11040	.00200	.01600	-.02200	.66300	.06304
.200	29.010	1.30460	.60040	.00070	1.43210	-.10765	-.00260	.00120	.00800	.65100	.06932
.200	30.910	1.08770	.56410	.08060	1.22300	-.07475	.00410	-.00740	.00300	.62700	.07794
	GRADIENT	.04612	.00019	-.00006	.04667	-.00014	.00000	.00001	-.00025	-.00901	-.00032

(RDZ117) (07 JUN 74)

0462B B26C9 W7F8 W18E28W85X9

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPODERK = 25.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1975 INCHES
SCALE = .0405 SCALE

RUN NO. 117/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 5.00

WICH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.170	-.26340	.04320	.05170	-.26790	.02378	-.00180	.00200	.00700	.72300	.03574
.200	-2.130	-.17190	.03650	.05120	-.17320	.03013	-.00180	.00190	.00600	.76100	.03499
.200	-1.070	-.12470	.03340	.05120	-.12530	.03115	-.00180	.00200	.00600	.80200	.03542
.200	-.050	-.07870	.03110	.05110	-.07870	.03107	-.00180	.00200	.00500	.89300	.03586
.200	.970	-.03030	.03100	.05170	-.02980	.03156	-.00180	.00200	.00500	1.28900	.03451
.200	2.030	.01890	.03000	.05170	.02000	.02932	-.00180	.00210	.00400	-.29700	.03574
.200	4.080	.11220	.03250	.05190	.11420	.02445	-.00180	.00200	.00300	.48400	.03452
.200	5.140	.21200	.03790	.05140	.21480	.01516	-.00190	.00200	.00400	.56400	.03444
.200	8.210	.30880	.04750	.04980	.31250	.01290	-.00190	.00200	.00400	.59300	.03351
.200	10.290	.41150	.06170	.04750	.41590	-.01280	-.00190	.00180	.00200	.60800	.03480
.200	12.360	.51110	.08390	.04220	.51720	-.02748	-.00170	.00170	.00200	.61700	.03479
.200	14.450	.62560	.11370	.04590	.63420	-.04609	-.00100	.00080	.00000	.62500	.03742
.200	16.520	.74640	.15450	.03650	.75950	-.06427	-.00110	.00130	.00000	.63300	.03967
.200	18.640	.86380	.20530	.03010	.88420	-.08153	-.00130	.00130	.00000	.63900	.04051
.200	20.720	.98260	.26470	.02200	1.01270	-.10018	-.00100	.00320	-.00200	.64400	.04426
.200	22.840	1.08240	.36310	.01000	1.13850	-.08551	-.00160	.00430	.00000	.64800	.05094
.200	24.860	1.17350	.43750	.00600	1.24870	-.09655	.0050	.00780	-.00900	.65000	.05383
.200	27.000	1.26400	.51820	.00450	1.36180	-.11166	.00070	.01240	-.01600	.65000	.05953
.200	28.990	1.25530	.56740	.03400	1.37300	-.11228	-.00240	.00440	.00200	.64300	.06330
.200	30.870	1.05870	.53880	.10200	1.18520	-.08070	.00390	-.00920	.00400	.61800	.07441
GRADIENT		.04581	-.00134	.00005	.04636	.00003	.00000	.00001	-.00048	-.06310	-.00010

(RDZ118) (07 JUN 74)

04628 B26C9 M7F8 W16E28V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = -5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 118/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CLW	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	-1.28960	.03230	.03950	.00608	-.29130	.00608	-.01590	.00330	.18700	.70200	.04003
.200	-8.060	-.29750	.03700	.04240	.00994	-.29970	.00994	-.01330	.00350	.15200	.70400	.03889
.200	-6.060	-.30430	.04070	.04590	.01306	-.30670	.01306	-.01030	.00310	.11500	.70700	.03772
.200	-4.020	-.30710	.04430	.04860	.01637	-.30990	.01637	-.00710	.00260	.07900	.70900	.03622
.200	-2.020	-.31030	.04600	.05120	.01783	-.31320	.01783	-.00430	.00210	.04300	.71200	.03640
.200	-.030	-.31140	.04740	.05240	.01904	-.31440	.01904	-.00200	.00200	.00800	.71300	.03603
.200	1.990	-.31250	.04730	.05160	.01882	-.31550	.01882	.00050	.00200	-.02700	.71200	.03625
.200	4.020	-.30800	.04450	.04920	.01643	-.31080	.01643	.00350	.00160	-.06400	.71000	.03780
.200	6.030	-.30400	.04260	.04680	.01498	-.30660	.01498	.00680	.00120	-.10100	.70800	.03791
.200	8.030	-.29840	.03730	.04340	.01020	-.30060	.01020	.01050	.00060	-.14100	.70500	.03960
.200	10.030	-.28960	.03180	.04000	.00556	-.29130	.00556	.01360	.00050	-.17900	.70200	.04143
.200	GRADIENT	-.00020	.00008	.00008	.00005	-.00020	.00005	.00129	-.00010	-.01772	.00010	.00015

04628 B26C9 M7F8 W16E28V8R5X9

(RDZ119) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 119/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CLW	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	-.05410	.01750	.03690	.00756	-.05410	.00756	-.01730	.01090	.18600	.90300	.03958
.200	-8.060	-.06090	.02220	.04090	.02225	-.06090	.02225	-.01420	.00930	.15100	.89900	.03805
.200	-6.050	-.06740	.02690	.04500	.02692	-.06740	.02692	-.01060	.00730	.11300	.89700	.03618
.200	-4.030	-.07020	.02950	.04820	.02949	-.07020	.02949	-.00730	.00540	.07600	.90400	.03606
.200	-2.000	-.07450	.03120	.05030	.03118	-.07460	.03118	-.00420	.00390	.03900	.90000	.03515
.200	-.030	-.07580	.03220	.05150	.03214	-.07590	.03214	-.00200	.00200	.00600	.90200	.03511
.200	1.980	-.07500	.03130	.05080	.03128	-.07500	.03128	.00060	.00050	-.02800	.90100	.03609
.200	3.990	-.07240	.02960	.04850	.02959	-.07240	.02959	.00360	-.00110	-.06500	.89800	.03723
.200	6.010	-.06850	.02670	.04560	.02672	-.06850	.02672	.00690	-.00300	-.10300	.89700	.03839
.200	8.060	-.06350	.02180	.04200	.02183	-.06350	.02183	.01090	-.00500	-.14200	.89500	.04127
.200	10.050	-.05580	.01740	.03830	.01745	-.05580	.01745	.01430	-.00360	-.17900	.90500	.04177
.200	GRADIENT	-.00024	.00001	.00005	.00001	-.00024	.00001	.00133	-.00080	-.01143	.00055	.00016

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TABULATED SOURCE DATA - 0A62P

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0A62B B26C9 MTF8 W16E28V8R5X9

(RDZ120) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 120/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.18160	.02370	.03730	.18300	.00736	-.01880	.01840	.18600	.57700	.03835
.200	-8.050	.17630	.02770	.04170	.17810	.01183	-.01490	.01480	.15000	.56500	.03709
.200	-6.050	.17090	.03030	.04590	.17290	.01495	-.01120	.01150	.11200	.55400	.03695
.200	-4.030	.16700	.03340	.04880	.16930	.01839	-.00770	.00800	.07500	.54500	.03500
.200	-2.010	.16450	.03470	.05070	.16690	.01988	-.01440	.00470	.03900	.54000	.03462
.200	-.030	.16290	.03500	.05170	.16540	.02037	-.00190	.00190	.00400	.53700	.03450
.200	1.970	.16450	.03410	.05060	.16690	.01933	.00070	-.00070	.003100	.54000	.03646
.200	3.990	.16610	.03280	.04810	.16840	.01788	.00370	-.00370	.006700	.54600	.03714
.200	6.020	.17020	.03130	.04560	.17220	.01439	.00720	-.00700	.10500	.55400	.03913
.200	8.030	.17380	.02640	.04260	.17540	.01075	.01110	-.01060	.14400	.56200	.04038
.200	10.060	.17960	.02280	.03820	.18090	.00670	.01520	-.01410	.18200	.57400	.04096
GRADIENT	-.00009	-.00009	-.00009	-.00008	-.00009	-.00008	.00139	-.00144	-.01766	.00010	.00031

0A62B B26C9 MTF8 W16E28V8R5X9

(RDZ121) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 121/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.020	.42930	.05360	.03550	.43200	-.02386	-.01930	.02630	.18600	.62100	.04120
.200	-8.070	.42330	.05750	.03890	.42680	-.01902	-.01600	.02160	.15000	.61800	.03823
.200	-6.050	.41790	.05980	.04270	.42180	-.01574	-.01220	.01600	.11300	.61400	.03572
.200	-4.030	.41430	.06120	.04710	.41860	-.01379	-.00830	.01160	.07500	.61000	.03428
.200	-2.010	.41080	.06260	.04930	.41540	-.01174	-.00470	.00640	.03700	.60800	.03402
.200	-.020	.41120	.06270	.04920	.41580	-.01172	-.00200	.00160	.00300	.60800	.03424
.200	1.990	.41110	.06200	.04860	.41560	-.01239	.00070	-.00270	.003200	.60900	.03489
.200	4.020	.41100	.06040	.04650	.41520	-.01392	.00390	-.00740	.006700	.61000	.03520
.200	6.020	.41590	.05820	.04290	.41960	-.01698	.00770	-.01250	.10600	.61400	.03744
.200	8.040	.41870	.05560	.03920	.42190	-.02004	.01130	-.01750	.14400	.61700	.03987
.200	10.050	.42560	.05120	.03550	.42790	-.02559	.01480	-.02270	.18200	.62100	.04427
GRADIENT	-.00031	-.00011	-.00009	-.00010	-.00033	-.00005	.00148	-.00234	-.01756	.00005	.00013

QM62B B26C9 MTF8 W16E28W8R5X9

(RDZ122) (07 JUN 4)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 122/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.70460	.12650	.02030	.71280	-.06656	-.02030	.03090	.18600	.64100	.04169
.200	-8.070	.69890	.12850	.02670	.70780	-.06315	-.01680	.02540	.14800	.63900	.03908
.200	-6.040	.69360	.13160	.03340	.70350	-.05864	-.01150	.01860	.10900	.63400	.03694
.200	-4.010	.68860	.13270	.03970	.69710	-.05568	-.00730	.01230	.07200	.63100	.03626
.200	-2.020	.68280	.13260	.04230	.69340	-.05471	-.00360	.00570	.03500	.62900	.03752
.200	-.020	.68560	.13370	.04290	.69630	-.05454	-.00130	.00040	.00100	.62900	.03845
.200	1.980	.68430	.13280	.04230	.69490	-.05503	.00450	-.00440	-.03400	.62900	.03841
.200	4.000	.68270	.13240	.04170	.69330	-.05498	.00750	-.01000	-.07100	.63000	.03672
.200	6.030	.68650	.12900	.03680	.69600	-.05919	.00750	-.01640	-.10700	.63200	.03654
.200	8.030	.69530	.12630	.02780	.70380	-.06424	.01200	-.02360	-.14500	.63700	.04090
.200	10.050	.70450	.12460	.02070	.71220	-.06830	.01620	-.02970	-.18600	.64100	.04290
GRADIENT	-.00072	-.00072	-.00072	.00010	-.00031	.00005	.00142	-.00273	-.01774	-.00010	.00009

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 123/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.97650	.27970	-.00220	1.01230	-.08387	-.03190	.03300	.20800	.65200	.04861
.200	-8.020	.97220	.28260	.00460	1.00930	-.07954	-.02510	.02610	.16400	.65000	.04807
.200	-6.040	.96660	.28550	.01290	1.00510	-.07487	-.01950	.01930	.12500	.64700	.04187
.200	-4.010	.96810	.28540	.01820	1.00650	-.07566	-.01400	.01260	.08700	.64500	.04187
.200	-2.020	.97400	.28810	.01830	1.01300	-.07529	-.00810	.00670	.04600	.64500	.04427
.200	-.020	.97600	.28880	.01460	1.01510	-.07523	-.00240	.00200	.00300	.64500	.04541
.200	1.990	.97720	.28670	.01720	1.01540	-.07772	.00370	-.00120	-.04000	.64500	.04562
.200	4.020	.97440	.28170	.01840	1.01110	-.08129	.01000	-.00670	-.08400	.64500	.04310
.200	6.010	.97270	.27920	.01550	1.00860	-.08305	.01490	-.01300	-.12300	.64600	.04370
.200	8.050	.98360	.28300	.00250	1.02020	-.08338	.02240	-.01970	-.16900	.65100	.04815
.200	10.060	.99150	.28290	-.01300	1.02680	-.08596	.02820	-.02800	-.21200	.65500	.04871
GRADIENT	.00078	-.00044	-.00044	-.00003	.00057	-.00068	.00298	-.00232	-.02133	.00000	.00019

04628 B26C9 H7F8 W16E26V8R5X9

(R02124) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 B0FLAP = -12.000
ELEVON = .0000 AILRON = .0000
RUDDER = .0000 SPDBRK = 25.000

RUN NO. 124/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.240	-27520	.54490	.05560	-27780	.02442	-.00190	.00200	.00700	.72500	.03513
.200	-2.090	-118080	.03380	.05530	-118200	.02919	-.00180	.00200	.00600	.76400	.03514
.200	-1.070	-13380	.03270	.05560	-13440	.03029	-.00190	.00210	.00600	.80400	.03558
.200	-.040	-08620	.03180	.05570	-08620	.03180	-.00180	.00200	.00500	.88900	.03399
.200	1.000	-03790	.02980	.05610	-03730	.03049	-.00190	.00220	.00500	1.20400	.03537
.200	2.010	.00720	.02950	.05620	.00830	.02929	-.00180	.00220	.00400	-1.83800	.03365
.200	4.070	.01160	.03230	.05650	.00360	.02501	-.00180	.00210	.00300	.45100	.03345
.200	6.140	.20010	.03780	.05600	.20290	.01544	-.00190	.00210	.00400	.55000	.03351
.200	8.210	.29660	.04510	.05570	.30000	.00228	-.00190	.00200	.00300	.58300	.03342
.200	10.290	.39950	.06010	.05460	.40380	-.01225	-.00190	.00180	.00200	.60200	.03405
.200	12.360	.50070	.08170	.05410	.50660	-.02743	-.00150	.00200	.00100	.61200	.03437
.200	14.440	.61460	.11100	.05090	.62290	-.04584	-.00100	.00120	.00000	.62200	.03734
.200	16.520	.72950	.15150	.04340	.74240	-.06223	-.00110	.00060	.00000	.63000	.03770
.200	18.620	.85440	.20130	.03450	.87390	-.08209	-.00120	.00150	.00000	.63700	.04127
.200	20.730	.97580	.26330	.02610	1.00590	-.09919	-.00080	.00360	-.00200	.64200	.04370
.200	22.790	1.07730	.36220	.01110	1.13350	-.08350	-.00160	.00440	.00000	.64800	.04963
.200	24.890	1.18140	.44010	.00630	1.25690	-.09819	.00060	.00850	-.01000	.65000	.05482
.200	26.980	1.26890	.52060	.00360	1.36700	-.11189	.00110	.01320	-.01800	.65100	.05934
.200	28.980	1.25290	.56650	.00300	1.37050	-.11146	-.00290	.00260	.00600	.64300	.06359
.200	30.870	1.06840	.54300	.00500	1.19570	-.08219	.00380	-.01440	.00500	.61900	.07456
GRADIENT	.04548	-.00152	.00013	.00013	.04604	.00007	.00001	.00002	-.00048	-.13459	-.00023

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B26C9 M7F8 W16E26V8R5X9

(RDZ125) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 125/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDRK = 25.000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	-.06640	.01790	.04160	-.06640	.01793	-.01710	.01090	.18600	.88200	.03828
.200	-8.060	-.07220	.02180	.04550	-.07230	.02178	-.01410	.00940	.15000	.88300	.03772
.200	-6.060	-.07850	.02580	.04940	-.07850	.02579	-.01060	.00740	.11300	.88300	.03678
.200	-4.010	-.08270	.02890	.05250	-.08270	.02888	-.00730	.00550	.07700	.88500	.03596
.200	-2.010	-.08660	.03140	.05490	-.08670	.03132	-.00420	.00370	.04000	.88500	.03477
.200	-.020	-.08760	.03180	.05580	-.08760	.03178	-.00190	.00210	.00600	.88600	.03496
.200	2.000	-.08670	.03200	.05510	-.08670	.03197	.00050	.00160	-.02800	.88500	.03504
.200	4.010	-.08380	.02980	.05270	-.08380	.02979	.00360	-.00100	-.06500	.88300	.03637
.200	6.030	-.08100	.02560	.04950	-.08100	.02558	.00700	-.00290	-.10300	.87700	.03889
.200	8.030	-.07500	.02090	.04620	-.07500	.02089	.01100	-.00480	-.14200	.87900	.04038
.200	10.060	-.07080	.01630	.04260	-.07080	.01630	.01440	-.00650	-.18000	.87300	.04111
GRADIENT		-.00011	.00012	.00003	-.00011	.00012	.00132	-.00080	-.01756	-.00020	.00005

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

04628 B26C9 M7F8 W16E26V8R5X9

(RDZ126) (07 JUN 74)

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDRK = 25.000

RUN NO. 126/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.17110	.02140	.04310	.17230	.00611	-.01890	.370	.18800	.56000	.03884
.200	-8.060	.16480	.02620	.04700	.16640	.01138	-.01470	.01530	.14900	.54800	.03702
.200	-6.030	.15850	.03050	.05060	.16060	.01622	-.01100	.01170	.11200	.53600	.03470
.200	-4.010	.15580	.03210	.05340	.15800	.01811	-.00760	.00820	.07500	.52700	.03475
.200	-2.010	.15410	.03300	.05530	.15640	.01914	-.00450	.00480	.04000	.52200	.03503
.200	-.020	.15260	.03370	.05650	.15500	.02000	-.00180	.00210	.00400	.51700	.03431
.200	1.990	.15340	.03320	.05530	.15570	.01935	.00080	-.00060	-.03100	.52100	.03556
.200	4.030	.15460	.03040	.05290	.15670	.01653	.00380	-.00370	-.06800	.52700	.03825
.200	6.030	.15860	.02820	.05040	.16050	.01376	.00710	-.00700	-.10500	.53600	.03953
.200	8.050	.16290	.02470	.04760	.16440	.01006	.01110	-.01060	-.14300	.54500	.04073
.200	10.060	.16700	.02140	.04410	.16820	.00647	.01520	-.01430	-.18200	.55500	.04043
GRADIENT		-.00015	-.00016	-.00005	.00016	-.00015	.00140	-.00145	-.01778	-.00004	.00038

DATE 02 JUL 74

TABULATED SOURCE DATA - OM628

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OM628 B26C9 M7F8 VA16E26V8R5X9

(RDZ127) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 127/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.41730	.05210	.04070	.41990	-.02323	-.01920	.02660	.18400	.61600	.03976
.200	-8.050	.41070	.05430	.04470	.41390	-.01944	-.01600	.02180	.15000	.61200	.03821
.200	-6.030	.40530	.05830	.04860	.40920	-.01494	-.01200	.01690	.11100	.60800	.03471
.200	-4.020	.40230	.05940	.05220	.40650	-.01334	-.00820	.01160	.07500	.60400	.03383
.200	-2.010	.39750	.06130	.05440	.40210	-.01164	-.00470	.00620	.03900	.60200	.03223
.200	-.010	.39820	.06120	.05470	.40270	-.01180	-.00200	.00190	.06400	.60200	.03281
.200	2.000	.40010	.05990	.05350	.40430	-.01244	.00780	-.00230	.06300	.60300	.03467
.200	3.990	.40030	.05770	.05160	.40420	-.01468	.00400	-.00700	.06500	.60500	.03571
.200	6.030	.40510	.05510	.04860	.40840	-.01809	.00780	-.01230	.06800	.60800	.03877
.200	8.070	.40900	.05280	.04480	.41190	-.02107	.01140	-.01750	.14400	.61200	.04035
.200	10.070	.41320	.04910	.04090	.41530	-.02547	.01490	-.02250	.18200	.61500	.04375
GRADIENT	-.00007	-.00024	-.00010	-.00010	-.00012	-.00002	.00149	-.00228	-.01782	.00015	.00031

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 128/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.69420	.12380	.02470	.70210	-.06606	-.01990	.03080	.18500	.63900	.04131
.200	-8.050	.68710	.12570	.03110	.69580	-.06229	-.01660	.02540	.14800	.63500	.03852
.200	-6.030	.68130	.12900	.03740	.69100	-.05752	-.01140	.01860	.10800	.63200	.03615
.200	-4.010	.67850	.12990	.04450	.68850	-.05598	-.00730	.01250	.07200	.62800	.03679
.200	-2.020	.67470	.13090	.04680	.68520	-.05395	-.00370	.00620	.03500	.62600	.03670
.200	.000	.67000	.13140	.04730	.68080	-.05222	-.00120	.00090	.00000	.62600	.03638
.200	2.000	.67050	.12950	.04740	.68080	-.05413	.00140	-.00430	.03400	.62600	.03799
.200	4.020	.67110	.12880	.04580	.68120	-.05498	.00480	-.00980	.02700	.62700	.03685
.200	6.020	.67530	.12640	.04160	.68450	-.05846	.00780	-.01630	.10700	.62900	.03758
.200	8.070	.68600	.12390	.03320	.69420	-.06378	.01240	-.02310	.14800	.63400	.04040
.200	10.060	.69570	.12220	.02460	.70300	-.06810	.01610	-.02910	.18600	.63900	.04277
GRADIENT	-.00095	-.00016	-.00018	.00016	-.00095	.00003	.00146	-.00274	-.01768	-.00010	.00007

QA628 92609 M7F8 W116E26V8R5X9

(RDZ129) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.3359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
 ELEWON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 129/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.97210	.27920	-.00050	1.00800	-.08255	-.03150	.03370	.20700	.65200	.04691
.200	-8.060	.96820	.28170	.00710	1.00530	-.07878	-.02500	.02690	.16300	.64900	.04517
.200	-6.040	.96080	.28310	.01510	.99880	-.07489	-.01930	.01960	.12400	.64600	.04175
.200	-4.140	.96470	.28370	.02100	1.00270	-.07575	-.01400	.01330	.08600	.64400	.04206
.200	-2.030	.97340	.28560	.02130	1.01150	-.07713	-.00810	.00720	.04500	.64400	.04528
.200	-.020	.96680	.28650	.02090	1.00560	-.07396	-.00190	.00260	.00200	.64400	.04371
.200	1.980	.97090	.28400	.02000	1.00860	-.07773	.00410	-.00070	-.04100	.64400	.04491
.200	3.990	.96660	.27890	.02140	1.00280	-.08104	.01000	-.00620	-.08400	.64400	.04297
.200	6.030	.97110	.27720	.01750	1.00640	-.08421	.01540	-.01230	-.12600	.64500	.04488
.200	8.020	.98140	.28070	.00400	1.01720	-.08464	.02290	-.01970	-.17000	.65000	.04900
.200	10.030	.98960	.28140	-.00650	1.02510	-.08686	.02860	-.02810	-.21300	.65400	.04905
.200	GRADIENT	.00006	-.00056	-.00002	-.00013	-.00056	.00300	-.00234	-.02123	-.00000	.00007

04628 B25C9 M7F8 W16E28W8R5X9

(R02130) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = -15.000 AIRON = 15.000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 130/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.310	-4.5810	.08660	.13560	-4.6330	.05199	.01030	.03780	-.02100	.75900	.03235
.200	-2.280	-3.6730	.07560	.13530	-3.7000	.06094	.01060	.03880	-.02300	.78600	.03066
.200	-1.220	-3.2430	.07070	.13790	-3.2570	.06382	.01100	.04040	-.02400	.80800	.03108
.200	-1.190	-2.7850	.06600	.13870	-2.7870	.06513	.01120	.04120	-.02600	.83500	.03115
.200	.830	-2.3540	.06120	.14030	-2.3450	.06468	.01160	.04240	-.02800	.87200	.03234
.200	1.840	-1.9050	.05900	.14100	-1.8850	.06592	.01190	.04300	-.03000	.92700	.03024
.200	3.910	-1.0900	.05230	.14630	-1.0500	.06271	.01290	.04610	-.03500	1.16300	.02999
.200	5.970	-.02210	.05280	.15080	-.01650	.05484	.01340	.04770	-.03800	4.00400	.03038
.200	8.053	.07510	.05480	.14950	.03210	.04381	.01420	.04780	-.04400	-.01800	.03045
.200	10.120	.16700	.06130	.15200	.17500	.03002	.01530	.04920	-.04900	.33200	.03152
.200	12.180	.26150	.07120	.15560	.27060	.01443	.01650	.05050	-.05600	.44000	.03270
.200	14.290	.37950	.09490	.14950	.39120	-.00174	.01710	.05680	-.05900	.51100	.03334
.200	16.360	.48370	.12360	.14930	.49890	-.01766	.01830	.05880	-.06400	.54100	.03603
.200	18.410	.58450	.15960	.15080	.60500	-.03315	.01940	.05540	-.07000	.56000	.03832
.200	20.540	.69980	.21270	.14640	.72990	-.04641	.02120	.05920	-.07500	.57800	.04154
.200	22.600	.80040	.28100	.14380	.84590	-.04812	.01730	.05860	-.06900	.59000	.04485
.200	24.690	.88840	.34940	.13690	.95310	-.05366	.01510	.06190	-.07000	.59900	.04817
.200	26.760	.98400	.41930	.13290	1.06740	-.06672	.01200	.06630	-.06900	.60600	.05364
.200	28.790	1.00990	.47090	.14870	1.11190	-.07375	.00730	.05940	-.04800	.60200	.05908
.200	30.750	.89080	.47180	.19780	1.00690	-.05003	.01020	.01820	.00200	.57900	.07190
GRADIENT		.04228	-.00325	.00152	.04333	.00420	.004031	.00102	-.00176	.24317	-.00017

(RDZ131) (07 JUN 74)

QM628 B26C9 M7F8 W16E28V8R5X9

PARAMETRIC DATA

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 CREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0415 SCALE

BETA = .000 BDFLAP = -12.000
 ELEWON = -10.000 AILRON = 15.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 131/0 RV/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.230	-3.8740	.06960	.10520	-.39150	.04079	.00740	.04550	-.02100	.75100	.03329
.210	-2.180	-.29360	.05840	.10430	-.29570	.04716	.00810	.04560	-.02600	.78200	.03260
.220	-1.120	-.24550	.05320	.10460	-.24650	.04843	.00830	.04590	-.02800	.80800	.03333
.230	-.080	-.19920	.05030	.10460	-.19930	.05004	.00850	.04600	-.03000	.84500	.03258
.240	.930	-.15190	.04660	.10500	-.15110	.04906	.00890	.04650	-.03200	.90700	.03356
.250	1.970	-.10420	.04480	.10530	-.10260	.04843	.00930	.04680	-.03400	1.02900	.03308
.260	4.010	-.00920	.04390	.10530	-.00610	.04453	.00990	.04720	-.03800	6.97800	.03213
.270	6.180	.08490	.04520	.10550	.08920	.03600	.01080	.04800	-.04200	.21700	.03204
.280	8.150	.18200	.05160	.10540	.18750	.02526	.01150	.04850	-.04700	.44500	.03121
.290	10.230	.27450	.06090	.10780	.28100	.01124	.01280	.05020	-.05300	.51100	.03247
.300	12.290	.37100	.07630	.11070	.37670	-.00040	.01380	.05160	-.05600	.54400	.03397
.310	14.380	.47910	.10270	.10850	.48970	-.01961	.01500	.05080	-.06300	.57000	.03402
.320	16.460	.59220	.13680	.10370	.60670	-.03663	.01520	.05070	-.06600	.58900	.03667
.330	18.540	.70740	.18040	.09980	.72800	-.05472	.01640	.05400	-.07000	.60100	.03940
.340	20.650	.83070	.24330	.08960	.86310	-.06549	.01790	.05620	-.07600	.61300	.04110
.350	22.720	.92930	.32200	.08130	.98150	-.06198	.01000	.05310	-.06100	.62100	.04545
.360	24.810	1.02990	.39470	.07640	1.10050	-.07403	.01050	.05730	-.06900	.62600	.04968
.370	26.900	1.11990	.46680	.07400	1.21990	-.09041	.00800	.06020	-.06700	.62900	.05625
.380	28.910	1.10940	.51040	.10220	1.21790	-.08972	.00220	.04540	-.03400	.62100	.06139
.390	30.840	.97290	.51630	.15280	1.09490	-.06413	.00610	.00500	.01900	.60000	.07505
.400			-.00316	.00006	.04671	.00042	.00030	.00023	-.00203	.58682	-.01108

GRADIENT

DATE 02 JUL 74

TABULATED SOURCE DATA - OA628

PAGE 103

OA628 B26C9 M7F8 W16E28V8E5X9

(RCZ132) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BOFLAP = -12.000
ELEVON = .000 AILRON = 5.000
RUDDER = .000 SPODERK = 25.000

PARAMETRIC DATA

RUN NO. 132/0 RN/L = 1.42 GRADIENT INTERVAL = -.600/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.130	-2.6720	.04570	.05090	-.26980	.02631	.00170	.02230	-.00900	.72100	.03609
.200	-2.080	-1.7200	.03860	.05050	-.17330	.03233	.00180	.02230	-.01000	.75900	.03609
.200	-1.020	-1.2390	.03610	.05070	-.12450	.03394	.00200	.02230	-.01200	.80200	.03583
.200	.000	-.07540	.03300	.05050	-.07530	.03508	.00210	.02240	-.01200	.89800	.03485
.200	1.730	-.02680	.03490	.05080	-.02610	.03544	.00240	.02260	-.01500	1.36700	.03430
.200	2.030	.01710	.03380	.05080	.01830	.03326	.00250	.02300	-.01500	-.36800	.03500
.200	4.100	.11100	.03610	.05110	.11330	.02810	.00290	.02320	-.01800	.48600	.03380
.200	6.160	.20740	.04110	.05060	.21060	.01866	.00310	.02350	-.02000	.56300	.03475
.200	8.250	.30890	.05120	.04980	.31310	.00635	.00340	.02170	-.02300	.59300	.03305
.200	10.320	.40860	.06560	.04960	.41380	-.00870	.00380	.02390	-.02500	.60700	.03420
.200	12.400	.51210	.08670	.04940	.51880	-.02537	.00430	.02410	-.02800	.61700	.03588
.200	14.490	.62120	.11760	.04700	.63080	-.04158	.00530	.02320	-.03400	.62400	.03635
.200	16.590	.73860	.15750	.04000	.75280	-.05982	.00510	.02320	-.03400	.63200	.03861
.200	18.650	.85790	.20750	.03190	.87320	-.07300	.00510	.02400	-.03500	.63800	.04103
.200	20.750	.97650	.26900	.02390	1.00850	-.09446	.00470	.02600	-.03600	.64300	.04321
.200	22.840	1.08530	.36780	.00920	1.14300	-.08235	.00230	.02580	-.03100	.64900	.05067
.200	24.920	1.17860	.44460	.00590	1.25620	-.09337	.00370	.03000	-.03800	.65000	.05276
.200	26.980	1.26130	.52300	.00580	1.36130	-.10628	.00250	.03210	-.03900	.65000	.05689
.200	29.000	1.22930	.56280	.04010	1.34800	-.10374	-.00270	.01510	-.00400	.64100	.06239
.200	30.900	1.05870	.54300	.10470	1.18730	-.07786	.00490	-.00690	-.01200	.61900	.07530
GRADIENT		.04603	-.00114	.00003	.04663	.00025	.00015	.00012	-.00113	-.06721	-.00030

DATE 02 JUL 74 TABULATED SOURCE DATA - 04628

(RD2133) (07 JUN 74)

04628 B26C9 W7F8 W116E28W85X9

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 ALLCON = 10.000
RUDDER = .000 SPDBRK = 25.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .040'S SCALE

RUN NO. 133/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.1170	-26450	.05160	.05020	-26760	.03226	.00470	.13950	-.02400	.72100	.03748
.210	-2.112	-17080	.04420	.04970	-17230	.03789	.00540	.03980	-.02800	.75800	.03715
.220	-1.1010	-11980	.04200	.04900	-12050	.03991	.00560	.03980	-.03000	.80100	.03648
.230	-1.40	-07180	.04900	.04930	-07190	.04088	.00590	.04000	-.03100	.91100	.03626
.240	1.0110	-02300	.04000	.04960	-02230	.04044	.00620	.04030	-.03400	1.47100	.03600
.250	2.030	.02340	.03980	.04970	.02480	.03895	.00650	.04070	-.03500	-.08400	.03618
.260	4.070	.11650	.03820	.04990	.11920	.03368	.00700	.04130	-.03900	.49700	.03547
.270	6.161	.21220	.04820	.04990	.21610	.02523	.00730	.04180	-.04100	.56700	.03470
.280	8.230	.30770	.06730	.05160	.31280	.01265	.00800	.04210	-.04500	.59300	.03480
.290	10.320	.40390	.07200	.05360	.40930	-.00133	.00850	.04270	-.04900	.60600	.03414
.300	12.360	.50540	.09340	.05700	.51410	-.01726	.00930	.04370	-.05500	.61800	.03562
.310	14.460	.61870	.12530	.07400	.63030	-.03345	.01130	.04330	-.06000	.62400	.03653
.320	16.510	.73190	.16310	.09490	.74810	-.05166	.01020	.04270	-.06100	.63100	.03917
.330	18.620	.85770	.21400	.07340	.87640	-.06953	.01100	.04400	-.06200	.63700	.04184
.340	20.730	.96300	.27620	.02670	1.00410	-.08465	.00820	.04630	-.06200	.64200	.04295
.350	22.790	1.07100	.37450	.11380	1.13150	-.06939	.00870	.04400	-.05400	.64800	.04949
.360	24.890	1.17100	.44940	.01660	1.25140	-.08538	.00830	.04930	-.06300	.65100	.05327
.370	26.950	1.24670	.52450	.01100	1.34900	-.09771	.00330	.04910	-.05700	.64900	.05746
.380	28.940	1.19710	.55490	.05170	1.31620	-.09386	-.01230	.02600	-.05400	.63700	.06463
.390	30.680	1.05260	.54520	.10700	1.18320	-.07228	.00390	-.00150	-.04900	.61800	.07231
.400		.04640	-.00114	.00002	.04710	.00020	.00028	.00023	-.00180	-.04372	-.08024

GRADIENT

DATE 02 JUL 74 TABULATED SOURCE DATA - 04628

04628 B26C9 W7F8 W16E28W8R5X9

(RDZ134) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .0000 BDFLAP = -12.0000
 ELEWON = .0000 AIRCON = 15.0000
 RUDDER = .0000 SPDRK = 25.0000

PARAMETRIC DATA

RUN NO. 134/0 RN/L = 1.42 GRADIENT INTERVAL = -6.03/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.20	-4.130	-25450	.06120	.04620	-25820	.04269	.00730	.05810	-.03700	.71000	.03954
.20	-2.110	-16130	.05570	.04330	-16360	.04975	.00800	.05850	-.04100	.75400	.03773
.20	-1.080	-11370	.05320	.04540	-11470	.05116	.00830	.05890	-.04400	.79700	.03765
.20	-.020	-16710	.05150	.04540	-16710	.05151	.00900	.05920	-.04700	.90000	.03739
.20	.990	-01910	.05160	.04580	-01820	.05195	.00930	.05960	-.05000	1.57500	.03664
.20	2.030	.02650	.05210	.04600	.02850	.05233	.00970	.05990	-.05200	.05500	.03541
.20	4.090	.02130	.05380	.04590	.02380	.04579	.01040	.06110	-.05600	.01500	.03583
.20	6.150	.02130	.05910	.04700	.02170	.03599	.01090	.06110	-.06000	.57300	.03554
.20	8.210	.02460	.06790	.04740	.01940	.02370	.01170	.06150	-.06500	.59800	.03571
.20	10.290	.04040	.06300	.04770	.01980	.00999	.01270	.06230	-.07000	.61900	.03645
.20	12.380	.05490	.05510	.04760	.01570	-.01561	.01250	.06430	-.07700	.61500	.03678
.20	14.440	.06120	.03530	.04530	.01440	-.02172	.01440	.06470	-.08200	.62800	.03811
.20	16.530	.07250	.03760	.03590	.01400	-.03393	.01430	.06350	-.08500	.63200	.03962
.20	18.610	.08340	.02340	.03340	.01400	-.04623	.01400	.06420	-.08700	.63700	.04146
.20	20.710	.09500	.02840	.03200	.01190	-.07215	.01330	.06650	-.08600	.64200	.04516
.20	22.800	1.05490	.06710	.03140	1.1190	-.05846	.01820	.06340	-.07500	.64800	.05266
.20	24.880	1.15530	.05530	.03510	1.23360	-.07314	.01840	.06460	-.06400	.65000	.06066
.20	26.950	1.22740	.02390	.01600	1.32510	-.05614	.01330	.06420	-.07000	.64800	.06121
.20	28.940	1.16170	.04460	.06270	1.28720	-.07851	-.01130	.03640	-.02300	.67400	.06965
.20	30.890	1.02510	.03990	.01360	1.15750	-.06350	.01290	.00730	.01900	.61600	.03883
.20	GRADIENT	.04558	-.00189	.00011	.04646	.00031	.00039	.00000	-.01241	-.03333	-.01046

(022135) (07 JUN 74)

Q62B 526C9 W758 W16E28V85X9

REFERENCE DATA

SR.F = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0005 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = .000
 ELEWON = .000 AJLRON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 135/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.160	-.23590	.03950	.03280	-.23820	.02233	-.00110	.00260	.00500	.70200	.03261
.200	-2.110	-.14290	.03270	.03240	-.14400	.02747	-.00130	.00260	.00500	.73500	.03317
.200	-1.070	-.09430	.03060	.03280	-.09490	.02874	-.00140	.00250	.00500	.77900	.03328
.200	-.050	-.04810	.02950	.03280	-.04810	.02948	-.00120	.00270	.00400	.90300	.03264
.200	.990	.00000	.02850	.03270	.00040	.0251	-.00130	.00270	.00400	-25.14100	.03319
.200	2.020	.04890	.02900	.03280	.04990	.02731	-.00130	.00270	.00300	.41000	.03257
.200	4.060	.14150	.03160	.03230	.14340	.02153	-.00130	.00270	.00300	.56900	.03235
.200	6.150	.24210	.03740	.03100	.24470	.01128	-.00150	.01260	.00300	.60500	.03232
.200	8.250	.34350	.04880	.02950	.34700	-.00101	-.00140	.00270	.00100	.62000	.03120
.200	10.290	.44320	.06410	.02860	.44750	-.01609	-.00160	.00230	.00100	.62800	.03260
.200	12.380	.54610	.08610	.02850	.55190	-.03305	-.00130	.00250	.00000	.63300	.03442
.200	14.460	.65790	.11810	.02770	.66650	-.04988	-.00110	.00160	.00000	.63800	.03653
.200	16.550	.77710	.16140	.01160	.79090	-.06668	-.00090	.00180	.00000	.64300	.03716
.200	18.650	.89620	.21230	.00830	.91710	-.08550	-.00110	.00180	.00000	.64800	.04050
.200	20.720	1.01320	.27410	.00000	1.04460	-.10224	-.00110	.00300	-.00100	.65100	.04340
.200	22.800	1.11290	.37450	-.01200	1.17110	-.08612	-.00150	.00550	-.00100	.65500	.04920
.200	24.910	1.21490	.45530	-.01730	1.29370	-.09887	-.00040	.00980	-.01000	.65700	.05326
.200	26.960	1.29670	.53490	-.01810	1.39850	-.11113	.00090	.01280	-.01600	.65600	.05733
.200	29.010	1.29270	.58840	.00740	1.41590	-.11232	-.00270	.00310	.00400	.65000	.06418
.200	30.890	1.10310	.56570	.07570	1.24130	-.08352	.00350	-.00430	-.00400	.62900	.07611
.200	GRADIENT	.04601	-.00095	-.00003	.04652	-.00009	-.00002	.00002	-.00030	-.63156	-.00005

REFERENCE DATA

SEEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES BETA = .000 BDFLAP = 16.000

LREF = 19.2299 INCHES YMRP = .0000 INCHES ELEVON = .000 AILERON = .000

BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .000 SPOBRK = 25.000

SCALE = .0405 SCALE

PARAMETRIC DATA											
MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.110	-.18690	.03740	.00220	-.18910	.02391	-.00110	.00250	.00400	.65600	.03420
.200	-2.060	-.09140	.03230	.00210	-.09260	.02901	-.00120	.00250	.00400	.65600	.03396
.200	-1.040	-.04410	.03160	.00200	-.04470	.03083	-.00110	.00250	.00300	.66900	.03393
.200	.000	.00290	.02910	.00200	.00290	.02918	-.00120	.00250	.00400	.39200	.03526
.200	1.030	.05090	.03130	.00180	.05140	.02745	-.00120	.00260	.00300	.63800	.03323
.200	2.060	.09950	.03140	.00130	.10950	.02788	-.00120	.00260	.00300	.64700	.03419
.200	4.130	.19640	.03570	.00010	.19850	.02148	-.00100	.00260	.00100	.65100	.02446
.200	6.210	.29660	.04390	-.00260	.29960	.01154	-.00120	.00250	.00200	.65500	.03598
.200	8.270	.39670	.05620	-.00510	.40360	-.00150	-.00150	.00240	.00300	.65600	.03643
.200	10.350	.49850	.07330	-.00540	.50360	-.01740	-.00110	.00220	.00200	.65600	.03745
.200	12.430	.59920	.09890	-.00660	.60640	-.03231	-.00110	.00240	.00000	.65600	.03767
.200	14.530	.70860	.13310	-.01000	.71330	-.04891	-.00090	.00130	.00000	.65700	.03839
.200	16.610	.82630	.17740	-.01700	.84260	-.06623	-.00080	.00180	.00000	.65700	.04119
.200	18.680	.94470	.23220	-.02520	.96930	-.08263	-.00120	.00180	.00000	.66100	.04402
.200	20.770	1.06330	.29850	-.03360	1.10000	-.09797	-.00120	.00340	.00000	.66300	.04679
.200	22.890	1.16190	.40090	-.04710	1.22630	-.08253	-.00090	.00610	-.00200	.66600	.05401
.200	24.960	1.26690	.48450	-.05380	1.35300	-.09516	-.00080	.00970	-.01100	.66600	.05762
.200	27.030	1.34940	.56760	-.05420	1.46000	-.10766	.00100	.01280	-.01500	.66500	.06156
.200	29.000	1.33910	.62110	-.02710	1.47220	-.11073	-.00240	.00130	.00500	.65800	.06878
.200	31.000	1.18110	.61130	.03150	1.32730	-.08344	.00350	-.00560	-.00300	.64300	.08089
.200	33.000	.94645	-.00020	-.00024	.04698	-.00009	.00001	-.00002	-.00032	-.00177	.00002

Q62B B26C9 M7F8 W16E28V8R5X9

(R02137) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0455 SCALE

BETA = .000 BDFLAP = 22.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 137/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.110	-.16080	.03840	-.01460	-.16310	.02680	-.00080	.00240	.00400	.61900	.03704
.200	-2.050	-.06440	.03340	-.01470	-.06550	.03115	-.00070	.00250	.00300	.56900	.03806
.200	-1.020	-.01670	.03250	-.01450	-.01720	.03221	-.00080	.00240	.00300	.34100	.03773
.200	.010	.02950	.03280	-.01470	.02950	.03280	-.00090	.00230	.00200	.83600	.03735
.200	1.040	.07870	.03280	-.01520	.07930	.03139	-.00080	.00260	.00200	.72200	.03827
.200	2.070	.1680	.03390	-.01670	.12800	.02932	-.00090	.00260	.00200	.69800	.03894
.200	4.140	.22480	.03830	-.01790	.22700	.12202	-.00070	.00250	.00100	.68100	.04086
.200	6.220	.32680	.04960	-.02100	.33030	.01397	-.00080	.00250	.00100	.67500	.04020
.200	8.280	.42560	.06820	-.02360	.42990	-.00115	-.00080	.00250	.00000	.67200	.04278
.200	10.350	.52440	.07910	-.02380	.53010	-.01645	-.00090	.00220	.00000	.66800	.04340
.200	12.450	.62860	.10500	-.02440	.63640	-.03296	-.00050	.00130	.00000	.66500	.04447
.200	14.510	.73450	.13950	-.02670	.74600	-.04894	-.00050	.00060	.00000	.66000	.04384
.200	16.590	.84900	.18640	-.03450	.86690	-.06384	-.00080	.00060	.00000	.66600	.04429
.200	18.620	.96790	.24240	-.04300	.99460	-.08046	-.00090	.00180	.00000	.66800	.04678
.200	20.780	1.082	.32020	-.05390	1.12340	-.08450	-.00050	.00590	-.01400	.66900	.05164
.200	22.870	1.18830	.41460	-.06440	1.25800	-.07993	-.00070	.00570	-.09400	.67100	.05734
.200	24.950	1.29160	.49870	-.07170	1.38950	-.09233	-.00130	.00980	-.01300	.67100	.06095
.200	27.010	1.37240	.58220	-.07180	1.48710	-.10479	.00160	.01280	-.01900	.66900	.06386
.200	29.050	1.35730	.63560	-.04280	1.49520	-.10352	-.00240	-.00040	.00790	.66200	.07129
.200	30.960	1.20070	.63280	.01300	1.35500	-.07503	.00440	-.00030	-.01300	.64800	.08244
.200	GRADIENT	.04666	.00002	-.00038	.04720	-.00055	.00000	.00002	-.00035	.02048	.00041

0A62B B26C9 W7F8 W16E28W8R5X9

(R02138) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = *5.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SFDPRK = 40.000

PARAMETRIC DATA

RUN NO. 138/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.160	-2.7360	.04940	.06050	-2.7650	.02948	-.00120	-.00220	.00500	.73200	.04110
.200	-2.100	-.17780	.04430	.06000	-1.7930	.03780	-.00130	.00230	.00400	.77500	.03862
.200	-1.050	-.12950	.04100	.06010	-.13020	.03866	-.00120	-.00230	.00400	.82100	.03927
.200	-.020	-.08420	.03970	.06030	-.08420	.03967	-.00110	.00220	.00400	.91500	.03884
.200	.980	-.03650	.03850	.06040	-.03580	.03914	-.00110	.00230	.00300	1.27200	.03655
.200	2.030	.01010	.03800	.06060	.01140	.03763	-.00110	.00220	.00200	-1.28800	.03831
.200	4.080	.11600	.03890	.06070	.10850	.03130	-.00110	.00220	.00100	.44600	.03850
.200	6.150	.20290	.04340	.05970	.20640	.02148	-.00110	.00210	.00100	.54500	.03810
.200	8.240	.30140	.05310	.05810	.30590	.00936	-.00100	.00210	.00000	.58200	.03688
.200	10.320	.40240	.06660	.05770	.40790	-.00652	-.00100	.00170	.00000	.60000	.03818
.200	12.400	.50460	.08870	.05790	.51190	-.02171	-.00070	.00150	-.00100	.61000	.03798
.200	14.460	.61640	.11790	.05460	.62630	-.03968	-.00050	.00110	-.00100	.62000	.04021
.200	16.530	.73290	.15840	.04800	.74770	-.05568	-.00060	.00040	-.00100	.62800	.04169
.200	18.640	.85510	.20920	.03880	.87710	-.07575	-.00090	.00160	.00000	.63500	.04382
.200	20.740	.97270	.26920	.03040	1.00500	-.09282	-.00040	.00320	-.00200	.64100	.04698
.200	22.800	1.07410	.36750	.01750	1.13260	-.07758	-.00030	.00500	-.00400	.64600	.05335
.200	24.920	1.17400	.44510	.01330	1.25230	-.09109	.00090	.00970	-.01400	.64800	.05746
.200	26.970	1.25100	.51990	.01600	1.35100	-.10419	.00160	.01150	-.01900	.64700	.06192
.200	28.970	1.23590	.56710	.04500	1.35590	-.10267	-.00070	-.00120	.00500	.63900	.06695
.200	30.890	1.03320	.54870	.11210	1.19410	-.07578	.00690	-.00750	-.00700	.61700	.07369
GRADIENT		.04595	-.00132	.00005	.04661	.00017	.00002	-.00000	-.00049	-.11171	-.00027

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TABULATED SOURCE DATA - OA628

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OA628 B26C9 M7F8 W16E28V8R5X9

(RDZ139) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = .0000 BOFLAP = -12.0000
 ELEVEN = .0000 AILRON = .0000
 RUDDER = .0000 SPDBRK = 40.0000

PARAMETRIC DATA

RUN NO. 139/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	-.06310	.02470	.04510	-.06310	.02473	-.01740	.01120	.18700	.91500	.04289
.200	-8.060	-.05950	.03010	.04990	-.06950	.03008	-.01380	.00940	.14900	.91600	.04117
.200	-6.040	-.07530	.03290	.05390	-.07540	.03291	-.01000	.00740	.11200	.91500	.04190
.200	-4.020	-.07380	.03710	.05610	-.07980	.03704	-.00670	.00560	.07500	.91100	.03557
.200	-2.030	-.08340	.03850	.05860	-.08340	.03846	-.00350	.00370	.03900	.91000	.03918
.200	-.020	-.08540	.03940	.05980	-.08540	.03940	-.00120	.00240	.00500	.91000	.03903
.200	1.990	-.08350	.03780	.05920	-.08350	.03789	.00110	.00090	-.03000	.91300	.04027
.200	4.000	-.08280	.03690	.05690	-.08280	.03691	.00410	-.00070	-.06700	.90500	.04131
.200	6.040	-.07910	.03310	.05390	-.07910	.03314	.00770	-.00260	-.10400	.90300	.04370
.200	8.040	-.07110	.02920	.04990	-.07110	.02915	.01230	-.00500	-.14500	.91000	.04433
.200	10.050	-.06640	.02360	.04580	-.06650	.02362	.01610	-.00370	-.18300	.90500	.04608
GRADIENT	-.00030	-.00006	-.00006	.00011	-.00030	-.00004	.00131	-.00077	-.01760	-.00045	.00023

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 5.0000 BOFLAP = -12.0000
 ELEVEN = .0000 AILRON = .0000
 RUDDER = .0000 SPDBRK = 40.0000

PARAMETRIC DATA

RUN NO. 140/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.17320	.02760	.04460	.17500	.01208	-.01880	.01830	.18700	.55800	.04329
.200	-8.060	.16660	.03240	.04930	.16880	.01747	-.01470	.01510	.14900	.54400	.04128
.200	-6.050	.16150	.03580	.05340	.16400	.02128	-.01040	.01160	.11100	.53200	.04086
.200	-4.020	.15750	.03830	.05640	.16030	.02415	-.00700	.00840	.07400	.52200	.03921
.200	-2.020	.15490	.04110	.05810	.15790	.02719	-.00360	.00480	.03700	.51600	.03752
.200	.000	.15300	.04080	.06000	.15600	.02705	-.00110	.00220	.00200	.51000	.03858
.200	1.980	.15470	.04040	.05830	.15770	.02645	.00140	-.00020	-.03200	.51600	.03983
.200	4.000	.15600	.03820	.05510	.15880	.02416	.00470	-.00330	-.07000	.52400	.04218
.200	6.050	.16060	.03510	.05280	.16310	.02062	.00840	-.00660	-.10800	.53200	.04445
.200	8.140	.16420	.03230	.04930	.16653	.01751	.01250	-.01030	-.14700	.54300	.04453
.200	10.050	.17100	.02770	.04510	.17280	.01232	.01700	-.01390	-.18600	.55500	.04568
GRADIENT	-.00016	-.00005	-.00005	-.00012	-.00016	-.00004	.00142	-.00142	-.01781	-.00020	.00041

04628 B26C9 M7F8 W16E28V8R5X9

(RDZ141) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 141/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILERON = .000
 RUDDER = .000 SPDBRK = 40.000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.42200	.05760	.04140	.42550	-.01917	-.01880	.02670	.18400	.61600	.04327
.200	-8.050	.41820	.05160	.04590	.42250	-.01429	-.01560	.02190	.14900	.61200	.04133
.200	-6.060	.41110	.06440	.05100	.41600	-.01023	-.01150	.01690	.11100	.60600	.03860
.200	-4.010	.40690	.06550	.05490	.41211	-.00844	-.00760	.01180	.07300	.60300	.03792
.200	-2.030	.40460	.06710	.05700	.41010	-.00636	-.00400	.00660	.03600	.60000	.03736
.200	-.010	.40330	.06690	.05770	.40880	-.00633	-.00110	.00200	.00100	.60000	.03821
.200	1.980	.40270	.06700	.05680	.40820	-.00608	.00150	-.00250	-.03300	.60000	.03832
.200	4.000	.40360	.06440	.05410	.40760	-.00683	.00510	-.00740	-.07000	.60300	.03978
.200	6.020	.40940	.06210	.05030	.41390	-.01219	.00870	-.01200	-.10800	.60700	.04267
.200	8.030	.41370	.05680	.04570	.41750	-.01625	.01200	-.01670	-.14600	.61100	.04553
.200	10.060	.41850	.05580	.04300	.42170	-.01999	.01550	-.02210	-.18300	.61600	.04776
GRADIENT	-.00042	-.00012	-.00005	-.00005	-.00044	-.00003	.00154	-.00237	-.01772	.00000	.00023

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

04628 B26C9 M7F8 W16E28V8R5X9

(RDZ142) (07 JUN 74)

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILERON = .000
 RUDDER = .000 SPDBRK = 40.000

RUN NO. 142/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.69860	.13000	.02720	.70790	-.06146	-.02020	.03190	.18500	.63800	.04359
.200	-8.070	.69150	.13140	.03350	.70150	-.05834	-.01610	.02650	.14700	.63400	.04166
.200	-6.060	.68320	.13420	.04190	.69420	-.05340	-.01020	.01930	.10800	.62900	.03942
.200	-4.030	.67870	.13600	.04860	.69040	-.05033	-.00710	.01340	.07200	.62600	.03933
.200	-2.000	.67440	.13630	.05090	.68630	-.04889	-.00280	.00670	.03300	.62400	.04036
.200	-.020	.67560	.13680	.05170	.68760	-.04870	-.00010	.00120	-.00100	.62400	.04118
.200	1.980	.67380	.13610	.05170	.68570	-.04893	.00280	-.00410	-.03800	.62400	.04075
.200	4.000	.67570	.13370	.04860	.68680	-.05170	.00590	-.01020	-.07400	.62600	.04184
.200	6.010	.67830	.13310	.04450	.68920	-.05306	.00850	-.01640	-.10900	.62800	.04431
.200	8.020	.68900	.13010	.03500	.69870	-.05884	.01290	-.02330	-.14800	.63300	.04396
.200	10.060	.69690	.12770	.0270	.70570	-.06319	.01690	-.02930	-.18600	.63700	.04646
GRADIENT	-.00033	-.00024	-.00004	-.00004	-.00039	-.00014	.00158	-.00289	-.01811	.00000	.00027

DATE 02 JUL 74 TABULATED SOURCE DATA - OM628

(RDZ143) (07 JUN 74)

OM628 B26C9 W7F8 W16F28W8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.0000 BDFLAP = -12.0000
 ELEVON = .0000 AILRON = .0000
 RUDDER = .0000 SPDRK = 40.0000

RUN NO. 143/0 RW/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CL4	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.97530	.28530	.00440	1.01310	-.07821	-.03160	.03340	.20600	.65000	.05044
.200	-8.060	.96830	.28750	.01270	1.00740	-.07370	-.02450	.02570	.16100	.64700	.04900
.200	-6.050	.96300	.28880	.02310	1.00290	-.07057	-.01860	.01910	.12100	.64300	.04588
.200	-4.020	.96400	.28950	.02830	1.00410	-.07042	-.01410	.01340	.08500	.64100	.04459
.200	-2.040	.96910	.29280	.02760	1.01000	-.06917	-.00730	.00780	.04100	.64200	.04644
.200	-.020	.97350	.29260	.02650	1.01400	-.07086	-.00130	.00300	.00000	.64200	.04889
.200	2.000	.97350	.29540	.02670	1.01330	-.07302	.00440	-.00160	-.04200	.64200	.04817
.200	4.040	.96800	.28410	.02750	1.00590	-.07685	.01050	-.00700	-.08600	.64200	.04787
.200	6.020	.96930	.28370	.02450	1.00700	-.07767	.01560	-.01270	-.12600	.64300	.04814
.200	8.060	.97910	.28640	.01000	1.01710	-.07854	.02220	-.01960	-.16900	.64800	.05234
.200	10.060	.99010	.28790	.00000	1.02790	-.08124	.02920	-.02820	-.21500	.65200	.05215
	GRADIENT	.00061	-.00066	-.00012	.00034	-.00083	.00302	-.00249	-.02108	.00010	.00041

QM628 B76C9 MTF8 W116E28V0R5Y9

(RDZ144) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPOBRK = 85.000

RUN NO. 144/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.170	-35920	.08200	.10820	-3.1430	.05932	-.00060	.00210	.00300	.77800	.06276
.200	-2.120	-21620	.07470	.10820	-2.1890	.06669	-.00060	.00210	.00200	.83400	.06094
.200	-1.050	-116870	.07210	.10760	-1.7000	.05901	-.00060	.00210	.00200	.88500	.05998
.200	-.050	-12380	.07020	.10760	-1.2390	.07314	-.00070	.00210	.00300	.97100	.05914
.200	.960	-107700	.06840	.10810	-.07580	.05974	-.00060	.00220	.01100	1.176	.05857
.200	2.010	-103030	.06720	.10810	-.02790	.05824	-.00060	.00220	.00100	2.107600	.05871
.200	4.060	.06260	.06680	.10770	.05730	.06421	-.00060	.00220	.00000	.05300	.05613
.200	6.130	.15820	.07260	.10720	.16510	.05530	-.00050	.00220	.00000	.41300	.05496
.200	8.230	.25640	.06350	.10590	.26530	.04124	-.00050	.00230	-.00100	.50500	.05343
.200	10.280	.35550	.05370	.10650	.36650	.02876	-.00040	.00240	-.00200	.54600	.05283
.200	12.360	.45050	.11210	.10650	.45910	.01192	-.00020	.00220	-.00200	.56800	.05335
.200	14.480	.56630	.14050	.10160	.58300	-.00543	.00040	.00160	-.00400	.58700	.05329
.200	16.530	.68430	.17660	.09610	.71670	-.02346	.00100	.00090	-.00500	.60200	.05632
.200	18.630	.80730	.22700	.08630	.83760	-.04285	.00000	.00140	-.00200	.61400	.05767
.200	20.710	.92840	.28510	.07880	.96640	-.06170	.00000	.00250	-.00200	.62200	.06080
.200	22.840	1.01800	.33710	.06940	1.08450	-.07475	-.00140	.00410	.00000	.62800	.06503
.200	24.880	1.12060	.45200	.06610	1.21680	-.06154	.00000	.00870	.00000	.63200	.06842
.200	26.960	1.19940	.52910	.06490	1.30900	-.07214	.00220	.01180	-.01800	.63300	.07395
.200	28.980	1.11880	.57840	.09510	1.32020	-.07305	-.00150	.00000	.00800	.62500	.07684
.200	30.900	1.03250	.56240	.15850	1.17480	-.04778	.00680	-.00920	-.00100	.60200	.08176
	GRADIENT	.04515	-.00166	-.00004	.04635	.00064	.00000	.00012	-.00035	-.00187	-.00075

DATE 02 JUL 74

TABULATED SOURCE DATA - Q4628

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Q4628 B26C9 M7F8 W16E28VR5X9

(RDZ145) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .0000 BOFLAP = -12.000
ELEVON = .0000 AILRON = .0000
RUDDER = .0000 SPDBRK = 85.000

RUN NO. 145/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	-1.0300	.05470	.09410	-1.0300	.05461	-.01830	.01010	.19000	.97300	.05823
.200	-8.060	-1.1170	.06220	.09700	-1.1180	.06207	-.01450	.00850	.15300	.97100	.05598
.200	-6.060	-1.1800	.06710	.10360	-1.1810	.06700	-.01020	.01640	.11400	.97400	.05664
.200	-4.020	-1.2170	.07050	.10750	-1.2180	.07038	-.00620	.00440	.07300	.97600	.05657
.200	-2.030	-1.2580	.07180	.10780	-1.2590	.07165	-.00220	.00260	.03700	.96700	.05616
.200	-.030	-1.2540	.07020	.10820	-1.2550	.07003	-.00050	.00210	.00300	.96900	.05932
.200	1.980	-1.2500	.06810	.10510	-1.2510	.06794	.00110	.00180	-.03000	.96100	.06154
.200	3.990	-1.2240	.06510	.10210	-1.2250	.06493	.00440	.00000	-.06700	.95800	.06387
.200	6.020	-1.1890	.06060	.09780	-1.1900	.06046	.00860	-.00180	-.10700	.95400	.06549
.200	8.030	-1.1120	.05480	.09250	-1.1130	.05473	.00320	-.00380	-.14700	.95700	.06613
.200	10.050	-1.0320	.05030	.08640	-1.0320	.05021	.00710	-.00540	-.18500	.96000	.06456
GRADIENT	-.00013	-.00072	-.00067	-.00067	-.00003	-.00003	.00122	-.00049	-.01752	-.00210	.00100

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.0000 BOFLAP = -12.000
ELEVON = .0000 AILRON = .0000
RUDDER = .0000 SPDBRK = 85.000

RUN NO. 146/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	-1.3170	.05830	.09270	-1.3640	.04634	-.01790	.01680	.18600	.40200	.05698
.200	-8.070	-1.2500	.06320	.09840	-1.3020	.05184	-.01400	.01380	.14900	.37300	.05602
.200	-6.050	-1.1820	.06770	.10320	-1.2380	.05686	-.00990	.01040	.11100	.34500	.05525
.200	-4.020	-1.1350	.07030	.10680	-1.1940	.05991	-.00620	.00730	.07400	.32200	.05485
.200	-2.030	-1.1030	.07220	.10840	-1.1630	.06214	-.00230	.00410	.03500	.30900	.05353
.200	-.030	-1.1100	.06970	.10710	-1.1730	.05956	-.00050	.00220	.00100	.31600	.05627
.200	1.990	-1.1300	.06510	.10380	-1.1840	.05582	.00120	.00040	-.03200	.32900	.06015
.200	3.990	-1.1490	.06370	.10000	-1.2310	.05329	.00480	-.00220	-.07000	.34500	.06216
.200	6.010	-1.1790	.06100	.09680	-1.2280	.05031	.00850	-.00540	-.10800	.36200	.06403
.200	8.040	-1.2600	.05720	.09190	-1.3160	.04571	.00310	-.00910	-.14700	.39600	.06247
.200	10.050	-1.3280	.05270	.08570	-1.3130	.04066	.00710	-.01220	-.18600	.42100	.06356
GRADIENT	-.00028	-.00096	-.00091	-.00091	.00018	-.00008	.00127	-.00113	-.01771	.00230	.00106

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

04628 B26C9 W/F8 W16E28V8R5X9

(RDZ147) (07 JUN 74)

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 85.000

RUN NO. 147/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.080	.37670	.08500	.08830	.38590	.01630	-.01720	.02470	.18200	.56700	.05402
.200	-8.080	.36900	.08920	.09600	.37910	.02182	-.01340	.02000	.14800	.55800	.05448
.200	-6.060	.35930	.09410	.10460	.37030	.02840	-.00910	.01500	.10700	.54800	.05215
.200	-4.030	.35610	.09440	.10770	.36720	.02935	-.00550	.01050	.06900	.54400	.05241
.200	-2.040	.35420	.09510	.10760	.36550	.03042	-.00260	.00570	.03400	.54300	.05061
.200	-.020	.35780	.09360	.10610	.36870	.02818	-.00050	.00200	.00000	.54600	.05321
.200	1.970	.35860	.09120	.10150	.36910	.02569	-.00150	-.00150	-.03300	.55300	.05514
.200	3.990	.36110	.08860	.09950	.37110	.02264	.00420	-.00570	-.06900	.55300	.05770
.200	6.020	.36140	.08720	.09620	.37110	.02131	.00720	-.00980	-.10500	.55600	.05943
.200	8.040	.37210	.08240	.08650	.38090	.01464	.01160	-.01420	-.14500	.56700	.06152
.200	10.050	.37810	.07990	.08240	.38630	.01170	.01550	-.01980	-.18200	.57300	.06094
GRADIENT	.00072	-.00077	-.00112	.00057	-.00091	.00116	-.00197	.00125	.00171	.00125	.00075

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

04628 B26C9 W/F8 W16E28V8R5X9

(RDZ148) (07 JUN 74)

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 85.000

RUN NO. 148/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.070	.65170	.15330	.07510	.66830	-.02636	-.01570	.02930	.17600	.61000	.05403
.200	-8.070	.63660	.15830	.08060	.65580	-.01751	-.01190	.02360	.14000	.60200	.05209
.200	-6.060	.62610	.16340	.08370	.64720	-.00973	-.00660	.01670	.10000	.59400	.04966
.200	-4.030	.62420	.16110	.10280	.64450	-.01146	-.00400	.01140	.06600	.59300	.05201
.200	-2.030	.62450	.15900	.10120	.64450	-.01344	-.00150	.00600	.03200	.59400	.05293
.200	-.040	.62590	.15830	.09930	.64540	-.01457	.00060	.00120	-.00100	.59500	.05419
.200	1.970	.62710	.15570	.09820	.64600	-.01739	.00240	-.00330	-.03600	.59600	.05691
.200	4.000	.62590	.15500	.09550	.64450	-.01772	.00450	-.00860	-.07000	.59700	.05622
.200	6.010	.62750	.15560	.09290	.64630	-.01769	.00580	-.01410	-.10200	.59900	.05718
.200	8.020	.63900	.15460	.08320	.65710	-.02180	.00920	-.02020	-.13200	.60500	.05751
.200	10.040	.65270	.14960	.07100	.66890	-.03023	.01290	-.02600	-.17700	.61300	.05856
GRADIENT	.00030	-.00077	-.00108	.00008	-.00082	.00104	-.00246	.00050	-.01695	.00050	.00062

DATE 02 JUN 74 TABULATED SOURCE DATA - QM62B

(RDZ149) (07 JUN 74)

QM62B B26C9 W7F8 W16E28W85X9

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 85.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2139 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1075 INCHES
SCALE = .0005 SCALE

RUN NO. 149/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.050	.92500	.30410	.05480	.97280	-.04294	-.02680	.03040	.19700	.63100	.55916
.200	8.040	.91530	.30750	.05550	.96490	-.03617	-.02000	.02240	.15200	.62700	.05927
.200	-6.010	.90860	.30870	.07740	.95910	-.03280	-.01390	.01510	.11300	.62200	.05644
.200	-4.010	.90370	.30800	.08280	.95980	-.03384	-.00890	.00980	.07600	.62000	.05731
.200	-2.010	.91470	.30930	.08040	.96490	-.03450	-.00590	.00510	.04200	.62100	.05814
.200	.010	.92300	.30750	.07520	.97210	-.03910	-.00110	.00160	.00000	.62300	.06039
.200	2.000	.92460	.30200	.07440	.97170	-.04487	.00350	-.00120	-.03900	.62300	.06287
.200	4.010	.91930	.30060	.07780	.96620	-.04417	.00760	-.00570	-.07700	.62200	.05161
.200	6.060	.92000	.30110	.07490	.96670	-.04482	.01110	-.01060	-.11400	.62300	.05337
.200	8.050	.92790	.30530	.06700	.97590	-.04294	.01740	-.01740	-.15600	.62900	.06364
.200	10.070	.94330	.30680	.04690	.99090	-.04697	.02340	-.02530	-.20100	.63400	.06258
.200	GRADIENT	.00145	-.00140	-.00080	.00098	-.00155	.00211	-.00186	-.01930	.00030	.00056

04628 B26C9 W7F8 W116E28W8E5X9

(R02150) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. WREF = 43.5974 INCHES
LEEF = 19.2299 INCHES WREF = .0000 INCHES
BREF = 37.9359 INCHES WREF = 15.1875 INCHES
SCALE = .0415 SCALE

PARAMETRIC DATA

BETA = .0000 BDELAP = -12.000
ELEVON = .0000 ALLRON = .0000
RUDDER = .0000 SPDBRK = 25.000
RN/FT = 1.850

RUN NO. 150/ " RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-4.240	-126860	.07430	-27100	.02332	-.00160	.00250	.00600	.72200	.03680
.261	-2.140	-11710	.05070	-17260	.0290	-.00150	.00260	.00500	.76000	.03641
.262	-1.150	-12220	.0396	-12290	.03128	-.00160	.00260	.00500	.80400	.03612
.263	-1.140	-10744	.0314	-17440	.03141	-.00150	.00270	.00400	.80200	.03611
.264	.0970	-10271	.0311	-17260	.03166	-.00150	.00270	.00400	.83500	.03583
.265	2.040	-12360	.0302	-12450	.0342	-.00140	.00260	.00300	.81900	.03583
.266	-1.130	-12200	.05790	-12400	.02934	-.00150	.00270	.00300	.80300	.03556
.267	6.021	-12011	.060	-2240	.1443	-.00150	.00250	.00200	.86900	.03461
.268	8.110	-12440	.0450	-32800	.07790	-.00160	.00250	.00200	.89700	.03466
.269	11.441	-12660	.0381	-43300	-.11431	-.00150	.00230	.00200	.81100	.03444
.270	12.140	-13140	.0470	-54000	-.03120	-.00140	.00240	.00100	.61300	.03306
.271	14.660	-15160	.0460	-65500	-.04970	-.00160	.00160	-.00100	.62000	.03210
.272	16.790	-17740	.0390	-78900	-.06754	-.00180	.00140	.00000	.63500	.03207
.273	18.310	-19340	.0260	-92110	-.08547	-.00110	.00160	.00000	.64100	.03215
.274	21.071	-21110	.0170	-104700	-.09926	-.00030	.00100	-.00100	.64800	.03200
.275	23.130	-21171	.0150	-117700	-.11541	-.00010	.00100	-.00100	.65000	.03200
.276	25.120	-21611	.00200	-131000	-.11962	-.00160	.00100	-.00100	.65100	.03160
.277	27.130	-22491	.0070	-141500	-.11073	.00060	.00100	-.00100	.65100	.03136
.278	29.140	-22240	.0070	-154710	-.11009	-.00160	.00280	.00000	.63700	.03009
.279	31.150	-21460	.0040	-167000	-.07729	.00450	-.00280	-.00500	.61600	.03006
.280	34.660	-17460	-.00100	-174710	-.00005	.00002	.00002	-.00000	-.04751	-.03012



QM628 B26C9 W7F8 W116728W6593

(R2151) (07 JUN 74)

REFERENCE DATA

SEEP = 4.4119 S.I. T. XREF = 43.5974 INCHES
 -REF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1175 INCHES
 SCALE = 1.415 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.000
 ELEVEN = .0000 AILROM = .0000
 RUDDER = .0000 SPDBRK = 25.000
 RN/RY = 1.60

RUN NO. 151/0 RN/L = 1.65 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CLF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.20	-4.210	-1.2636	.7436	.7510	-26.110	.02422	-.00170	.00240	.00500	.72200	.03624
.21	-2.120	-1.16650	.03620	.05040	-.16.80	.03164	-.00170	.00230	.00400	.76200	.03552
.22	-1.020	.03400	.03400	.03400	-.12070	.03174	-.00170	.00230	.00400	.81600	.03584
.23	-1.020	.03400	.03400	.03400	-.07200	.03205	-.00160	.00250	.00400	.90600	.03600
.24	.030	-.02440	.03150	.05100	-.02390	.03237	-.00160	.00250	.00300	1.43200	.03431
.25	2.110	.02370	.03140	.05100	.02460	.03763	-.00160	.00210	.00370	-.09500	.03527
.26	4.120	.12210	.03380	.05100	.12440	.02495	-.00150	.00260	.00200	.50200	.03469
.27	6.10	.21560	.03020	.05100	.22160	.01539	-.00160	.00250	.00200	.56900	.03424
.28	8.260	.32160	.02940	.04840	.32440	.00275	-.00150	.00240	.00200	.59700	.03352
.29	10.360	.42300	.02740	.04500	.42200	-.01184	-.00150	.00230	.00100	.61000	.03524
.30	12.450	.52710	.02560	.04250	.53350	-.02915	-.00120	.00230	.00100	.61900	.03517
.31	14.570	.64170	.02300	.04000	.65160	-.04802	-.00090	.00150	.00000	.62700	.03773
.32	16.650	.76110	.01950	.03550	.77430	-.07637	-.00190	.00190	.00000	.63500	.03910
.33	18.760	.88420	.01500	.02750	.89530	-.10414	-.00130	.00170	.00000	.64700	.04181
.34	20.840	1.00120	.00900	.01700	1.03770	-.13195	-.00040	.00160	-.00100	.64500	.04500
.35	22.930	1.10560	.00300	.00600	1.16490	-.15850	-.00040	.00190	-.00400	.65000	.04900
.36	25.020	1.20210	.00000	.00000	1.28130	-.18417	.00160	.00190	-.00100	.65100	.05521
.37	27.170	1.29170	.00000	.00000	1.39120	-.21226	.00130	.001400	-.00100	.65100	.06166
.38	29.370	1.37420	.00000	.00000	1.50110	-.24660	-.00240	.00140	.00000	.64300	.06666
.39	31.650	1.45580	.00000	.00000	1.61580	-.28728	.00540	-.00430	.00000	.61800	.07556
.40	GRADIENT	.04627	-.01119	-.02105	.04663	.01118	.00003	.00003	-.00034	-.04519	-.00000



04628 B26C9 WTB8 W16E28W05W9

(R02152) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.3974 INCHES
LEEF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = 1/4"=1' SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDRA = 25.000
RN/FY = 1.420

RUN NO. 152/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	YCP/L	CAB
.200	-4.140	-25890	.04440	.05020	-.26110	.02563	-.00180	.00230	.00400	.72200	.03461
.2	-2.110	-16540	.03630	.04970	-.16660	.01333	-.00180	.00230	.00400	.76200	.03596
.2	-1.070	-11770	.02460	.04980	-.11840	.00747	-.00170	.00220	.00400	.80700	.03542
.200	-0.050	-67450	.03020	.05110	-.07050	.02234	-.00180	.00230	.00400	.91300	.03588
.200	-0.2340	.02200	.04980	.05110	-.02280	.03240	-.00160	.00230	.00400	1.45400	.03515
.2	2.1120	.02410	.03130	.05100	.02520	.03050	-.00180	.00230	.00200	-.07800	.03555
.2	4.0780	.01940	.04500	.05120	.02160	.02590	-.00140	.00240	.00200	.51130	.03412
.2	6.1660	.02160	.03910	.04980	.22100	.01565	-.00180	.00230	.00200	.56900	.03424
.2	8.2540	.03740	.04300	.04900	.32120	.00335	-.00130	.00240	.00100	.59700	.03384
.2	10.3300	.04660	.06550	.04740	.42150	-.01199	-.00150	.00220	.00100	.61500	.03331
.2	12.3600	.08050	.08550	.04730	.52480	-.02746	-.00110	.00110	.00100	.62610	.03312
.200	14.4400	.06140	.11650	.04430	.63360	-.04453	-.00070	.00080	.00100	.63400	.03324
.2	16.5200	.04580	.15680	.03740	.75900	-.06910	-.00020	.00050	.00100	.64100	.03284
.2	18.6100	.05650	.20700	.02960	.89330	-.10173	-.00020	.00030	.00100	.64700	.03218
.2	20.7100	.06540	.26770	.02060	1.03680	-.139762	-.00050	.00020	.00100	.65100	.03118
.200	22.8200	.07250	.33890	.01190	1.14300	-.18171	-.00020	.00010	-.00020	.65100	.03012
.2	24.9300	.07660	.41420	.00260	1.26130	-.22548	-.00010	.00010	-.00020	.65100	.02906
.2	26.9700	.07650	.50170	.00160	1.36450	-.27018	-.00010	.00010	-.00020	.65100	.02791
.2	28.9900	.07490	.59760	.00100	1.45335	-.31535	-.00020	.00010	-.00020	.64200	.02674
.2	30.9100	.07170	.54720	.00260	1.52160	-.36166	.00010	-.00010	.00100	.62700	.02499
.2	32.8100	.06597	-.00120	.00312	.46555	.41003	.00003	.00010	-.00020	-.04495	-.02007

GRADIENT

DATE 02 JUL 74 TABULATED SOURCE DATA - 04628

(002153) (07 JUN 74)

04628 B26C9 M7F8 W16E28V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000
 RN/FT = 1.180

RUN NO. 153/0 RN/L = 1.18 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.160	-4.120	-.25510	.04310	.04960	-.25760	.02461	-.00190	.00216	.00500	.72300	.03571
.150	-2.080	-.16110	.03670	.04910	-.16230	.03084	-.00170	.00220	.00300	.75300	.03514
.160	-1.040	-.11540	.03390	.04900	-.11600	.03179	-.00160	.00220	.00200	.80700	.03521
.165	-.030	-.06860	.03340	.04930	-.06860	.03337	-.00160	.00230	.00200	.91600	.03427
.160	1.000	-.02280	.03160	.04960	-.02220	.03203	-.00160	.00240	.00100	1.47300	.03513
.160	.02490	.03370	.03370	.04930	.02600	.03289	-.00170	.00240	.00200	-.04400	.03396
.160	4.040	.11740	.03460	.04970	.11950	.02622	-.00160	.00240	.00100	.49870	.03441
.160	6.120	.21430	.04090	.04880	.21750	.01784	-.00160	.00230	.00100	.56910	.03283
.160	8.180	.31340	.04910	.04760	.31720	.01096	-.00160	.00220	.00100	.59600	.03400
.160	10.300	.41300	.06520	.04680	.41800	-.00966	-.00160	.00190	.00000	.61000	.03319
.160	12.310	.51280	.08580	.04810	.51930	-.02542	-.00130	.00230	.00000	.61800	.03493
.160	14.410	.62390	.11800	.04470	.63370	-.04099	-.00090	.00100	-.00100	.62600	.03599
.160	16.410	.73620	.15600	.03840	.75030	-.05840	-.00100	.00110	.00000	.63300	.03856
.160	18.500	.85320	.20510	.03000	.87420	-.07621	-.00190	.00120	.00000	.63900	.03993
.160	20.580	.96950	.27530	.01820	1.00440	-.08318	-.00420	.00440	-.01400	.64500	.04410
.160	22.670	1.07350	.36550	.00740	1.13140	-.07647	-.00090	.00340	-.00200	.64900	.04971
.160	24.730	1.15030	.45550	.00870	1.23610	-.08991	.00050	.00640	-.00900	.64900	.05483
.160	26.780	1.22680	.50770	.01290	1.32400	-.09950	.00000	.00850	-.00900	.64800	.05622
.160	28.810	1.24270	.56270	.03260	1.36000	-.10578	-.00230	.00550	.00000	.64300	.06229
.160	30.700	1.06100	.54190	.10170	1.18900	-.07594	.00300	-.01380	.01000	.62000	.07305
GRADIENT		.04562	-.00099	.00003	.04619	.00025	.00003	.00004	-.00044	-.04272	-.00018

(RDZ154) (07 JUN 74)

OM62B B26C9 MTF8 W16E28V8R5X9

PARAMETRIC DATA

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDRK = 25.000
RN/FT = .830

RUN NO. 154/ 0 RN/L = .83 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.120	-4.110	-25930	.04440	.04880	-.26180	.02575	-.00130	.00200	.00400	.72000	.03370
.120	-2.080	-16640	.03710	.04790	-.16770	.03106	-.00130	.00210	.00300	.75700	.03418
.120	-1.020	-11980	.03480	.04850	-.12040	.03271	-.00140	.00210	.00200	.80000	.03348
.120	-.040	-.07320	.03340	.04820	-.07330	.03341	-.00110	.00230	.00300	.89400	.03336
.120	.990	-.03120	.03220	.04880	-.03070	.03279	-.00120	.00230	.00300	1.23700	.03340
.120	1.980	.01390	.03250	.04910	-.01500	.03209	-.00110	.00220	.00300	-.55000	.03354
.120	4.030	.11000	.03520	.04900	.11220	.02738	-.00110	.00200	.00200	.49100	.03290
.120	6.080	.20310	.03970	.04780	.20810	.01775	-.00100	.00180	.00200	.56700	.03310
.120	8.130	.30290	.05050	.04700	.30700	.00722	-.00090	.00190	.00100	.59500	.03227
.120	10.170	.39750	.06460	.04730	.40270	-.00654	-.00090	.00160	.00100	.60800	.03334
.120	12.220	.49980	.08680	.04800	.50680	-.02097	-.00080	.00160	.00100	.61700	.03389
.120	14.280	.60860	.11710	.04520	.61870	-.03667	-.00040	.00120	.00000	.62500	.03540
.120	16.320	.71870	.15640	.03850	.73370	-.05187	-.00090	.00060	.00000	.63200	.03661
.120	18.390	.83710	.20560	.02830	.85930	-.06902	-.00010	.00040	.00000	.64000	.03906
.120	20.450	.94550	.27990	.02030	.98370	-.06819	-.00010	.00030	.00000	.64600	.04293
.120	22.530	1.03280	.35220	.01540	1.08900	-.07047	.00080	.00500	.00100	.64500	.04770
.120	24.550	1.10280	.41710	.02070	1.17640	-.07891	.00120	.00570	-.00600	.64500	.05039
.120	26.560	1.16670	.48260	.02380	1.25940	-.09000	.00000	.00780	-.00600	.64500	.05456
.120	28.600	1.18540	.54160	.04160	1.30000	-.09206	.00050	.00360	-.00600	.64000	.06096
.120	30.530	1.04640	.53660	.09550	1.17390	-.06945	.00390	-.00380	-.00900	.62200	.06812
GRADIENT		.04512	-.00114	.00000	.04570	.00020	.00003	.00001	-.00019	-.07181	-.00011

04628 B26C9 W7F8 W16E28V8R5X9

(RDZ155) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDCLAP = -12.000
ELEVON = -10.000 AILRON = 10.000
RUDDER = .000 SPD8RK = 25.000

RUN NO. 155/0 RNVL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

W4CH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.270	-4.407	.07240	.12980	-.44490	.03938	.00810	.03600	-.01400	.75900	.03118
.200	-2.210	-3.456	.06050	.12520	-.34770	.04710	.00650	.03630	-.01800	.78800	.03080
.200	-1.170	-2.970	.05470	.12280	-.29810	.04865	.00670	.03640	-.01900	.81100	.03138
.200	-.150	-2.4970	.05100	.12840	-.24980	.05036	.00700	.03640	-.02100	.84100	.03082
.200	.890	-2.0280	.04700	.12900	-.20200	.05041	.00720	.03670	-.02300	.88700	.03081
.200	1.910	-1.5700	.04370	.12970	-.15350	.04893	.00750	.03710	-.02500	.95900	.03163
.200	3.970	-.06270	.04160	.12990	-.05970	.04591	.00780	.03760	-.02800	1.45200	.02996
.200	6.040	.33170	.04060	.13010	.03380	.03710	.00860	.03810	-.03200	-.68500	.03012
.200	8.110	.12810	.04410	.13030	.13300	.02559	.00930	.03870	-.03600	.29100	.02982
.200	10.180	.22130	.05240	.13300	.22710	.01250	.01030	.04030	-.04100	.43600	.03182
.200	12.270	.31780	.06680	.13640	.32470	-.01210	.01140	.04160	-.04500	.49700	.03159
.200	14.340	.42520	.09020	.13120	.43430	-.01796	.01300	.04110	-.05000	.53800	.03290
.200	16.400	.53600	.12200	.12980	.54870	-.03428	.01310	.04040	-.05300	.56500	.03490
.200	18.510	.65360	.16520	.12580	.67230	-.05084	.01350	.04360	-.05600	.58300	.03737
.200	20.610	.77420	.22350	.11700	.80350	-.06305	.01380	.04530	-.06200	.59800	.03964
.200	22.680	.87950	.30230	.09680	.92800	-.07023	.00960	.04390	-.06900	.61600	.04532
.200	24.760	.97540	.37360	.08190	1.11100	-.07211	.00950	.04790	-.05700	.61600	.04861
.200	26.850	1.05510	.44130	.09940	1.14970	-.07839	.00730	.05090	-.05500	.62000	.05327
.200	28.870	1.08290	.49480	.11840	1.18120	-.08966	.00220	.04170	-.03200	.61500	.05779
.200	30.810	.95710	.49280	.16580	1.07450	-.10707	.00670	.00720	-.00900	.59500	.07179
.200	GRADIENT	.04585	-.00380	.00004	.04672	.00073	.00021	.00019	-.00171	.07370	-.00009

04628 B26C0 W7F8 W116E28V8R5X9

(R02156) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SG.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
PREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEWON = -5.000 AIRPON = 5.000
RUDDER = .000 SPDRK = 25.000

RUN NO. 156/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	YCF/L	CAB
.200	-4.210	-.36970	.05590	.09360	-.36880	.02888	.00200	.02120	-.00700	.74700	.03239
.200	-2.150	-.26950	.04540	.09350	-.27100	.03322	.00220	.02120	-.00900	.78100	.03286
.200	-1.120	-.22160	.04240	.09300	-.22240	.03807	.00230	.02120	-.00900	.80900	.03166
.200	-.090	-.17420	.03840	.09240	-.17450	.03321	.00260	.02140	-.01200	.83000	.03256
.200	.910	-.12770	.03660	.09350	-.12710	.03571	.00270	.02150	-.01200	.92800	.03187
.200	1.970	-.07860	.03470	.09300	-.07740	.03741	.00280	.02170	-.01300	1.10800	.03206
.200	4.030	.01590	.03360	.09620	.01830	.03242	.00320	.02220	-.01500	-1.23100	.03180
.200	6.110	.11230	.03660	.09600	.11560	.02443	.00360	.02250	-.01800	.34600	.03055
.200	8.170	.20900	.04190	.09390	.21290	.01180	.00400	.02300	-.02000	.45600	.03130
.200	10.240	.30770	.05350	.09610	.31230	-.00202	.00450	.02360	-.02300	.53800	.03174
.200	12.310	.40790	.07140	.09730	.41380	-.01719	.00500	.02390	-.02700	.56500	.03240
.200	14.430	.51960	.09860	.09470	.52780	-.00392	.00610	.02330	-.03000	.58600	.03407
.200	16.490	.63590	.13350	.08950	.64770	-.05245	.00620	.02250	-.03200	.60100	.03558
.200	18.570	.75480	.18040	.08160	.77300	-.06040	.00580	.02340	-.03200	.61300	.03817
.200	20.710	.87720	.23290	.07430	.90500	-.05877	.00600	.02550	-.03500	.62100	.04102
.200	22.760	.97680	.32750	.06130	1.02740	-.07585	.00280	.02530	-.03700	.63000	.04533
.200	24.830	1.07390	.40130	.05650	1.14310	-.07692	.00430	.02930	-.03700	.63300	.04927
.200	26.910	1.16390	.47730	.05540	1.25390	-.10125	.00310	.02160	-.03700	.63500	.05411
.200	28.940	1.24850	.52900	.07810	1.27860	-.10262	-.00150	.02010	-.04100	.62900	.05888
.200	30.880	1.31160	.51690	.13480	1.13350	-.07567	.00530	-.00750	.01700	.61800	.07152
	GRADIENT	.04631	-.00269	.00009	.04698	.00044	.00015	.00012	-.00099	-.17013	-.00009

04628 B26C9 W7F8 W116E28W85X9

(R02157) (07 JUN 74)

REFERENCE DATA

REF = 4.4119 33.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES YMRP = 15.1875 INCHES
 SCALE = .0005 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEWON = 5.000 AILRON = -5.000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 157/ 5 RNL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.110	-1.6630	.03890	.00460	-1.16870	.02694	-0.0440	.01900	.66200	.04055
.200	-2.050	-.07050	.03490	.00410	-.07170	.03241	-0.0470	.01900	.67300	.03992
.200	-.980	-.02110	.03410	.00440	-.02170	.03381	-0.00470	.01900	.72700	.03943
.200	.050	.02730	.03400	.00430	.02730	.03405	-0.00500	.02000	.59300	.03906
.200	1.030	.07220	.03430	.00420	.07280	.03303	-0.00500	.02000	.63000	.03952
.200	2.070	.12140	.03520	.00430	.12260	.03178	-0.00320	.02100	.63900	.03889
.200	4.140	.21660	.04070	.00380	.21920	.02499	-0.00540	.02200	.64500	.03867
.200	6.210	.31450	.04990	.00280	.31810	.01563	-0.00550	.02300	.64800	.03784
.200	8.300	.41330	.06260	.00200	.41800	.00225	-0.00570	.02400	.65100	.03752
.200	10.350	.51270	.08090	.00150	.51890	-.01252	-0.00580	.02500	.65100	.03767
.200	12.440	.61490	.10560	.00130	.62340	-.02142	-0.00580	.02600	.65100	.03805
.200	14.510	.72540	.14020	.00180	.73740	-.04607	-0.00570	.02900	.65300	.04118
.200	16.600	.84200	.18440	.00240	.85960	-.06381	-0.00580	.02700	.65600	.04217
.200	18.690	.96570	.23920	.00270	.99140	-.08316	-0.00620	.02800	.65700	.04332
.200	20.780	1.07270	.31650	.00300	1.11520	-.08469	-0.00270	.01900	.66000	.04320
.200	22.890	1.17660	.40970	.00360	1.24330	-.08021	-0.00290	.01900	.66300	.05574
.200	24.950	1.27100	.48830	.00410	1.35840	-.09343	-0.00200	.00900	.66300	.05965
.200	27.040	1.33980	.56510	.00370	1.45030	-.10524	.00110	.00000	.66100	.06374
.200	29.010	1.28320	.59350	.00120	1.41000	-.10345	-0.00200	.01000	.64900	.07133
.200	30.890	1.08760	.56300	.00340	1.22240	-.07537	-0.00550	-.01400	.62700	.08151
.200	GRADIENT	.04644	.00023	-.00007	.14703	-.00022	-0.00012	.00039	-.00537	-.00122

Q4628 B26C9 M7F8 W116E28W85X9

(R02158) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0495 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = -5.000 AILRON = 10.000
RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 158/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.220	-36470	.05870	.09100	-.36800	.03166	.00560	.03880	-.02000	.74300	.03428
.200	-2.110	-26440	.04940	.09340	-.26610	.03949	.00610	.03890	-.02400	.77700	.03299
.200	-1.110	-21600	.04520	.09330	-.21690	.04104	.00640	.03910	-.02600	.80500	.03306
.200	-.080	-16520	.04070	.09040	-.16530	.04053	.00670	.03920	-.02800	.85300	.03428
.200	.940	-11730	.03590	.09030	-.11660	.04190	.00700	.03930	-.03000	.93700	.03277
.200	1.980	-.06760	.03080	.09070	-.06620	.04112	.00720	.03980	-.03100	1.15600	.03248
.200	4.070	.03220	.03840	.09100	.03490	.03602	.00750	.04030	-.03500	-.30700	.03245
.200	6.090	.12250	.04090	.09140	.13210	.02743	.00850	.04120	-.03900	.39700	.03241
.200	8.190	.22890	.04410	.09120	.23340	.01502	.00920	.04180	-.04300	.50800	.03220
.200	10.240	.32630	.05030	.09290	.33220	.00022	.01010	.04260	-.04600	.54900	.03357
.200	12.340	.42940	.07890	.09470	.43630	-.01469	.01110	.04320	-.05100	.57200	.03319
.200	14.410	.53920	.10600	.09270	.54840	-.03148	.01220	.04250	-.05600	.58900	.03510
.200	16.480	.65550	.14340	.08760	.67820	-.04884	.01240	.04200	-.05900	.60400	.03599
.200	18.580	.77830	.18940	.08200	.79870	-.06686	.01260	.04410	-.06200	.61400	.03961
.200	20.690	.89820	.24240	.07420	.92310	-.08700	.01240	.04630	-.06300	.62200	.04105
.200	22.740	1.00090	.30790	.06230	1.05370	-.117542	.00710	.04250	-.06200	.63000	.04667
.200	24.850	1.09770	.41140	.05980	1.16900	-.08803	.00760	.04570	-.05800	.63300	.05082
.200	26.930	1.17780	.48550	.05860	1.27000	-.10072	.00490	.04610	-.05200	.63500	.05475
.200	28.950	1.19170	.53860	.08070	1.30350	-.10565	.00060	.03620	-.02700	.62900	.06022
.200	30.870	1.04420	.52890	.13910	1.16770	-.08191	.00340	.00150	.02000	.60200	.07822
	GRADIENT	.04787	-.01248	.00001	.04860	.00049	.00028	.00020	-.00180	-.07659	-.00020

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2239 INCHES YMRP = .0000 INCHES
BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = 10.000 AILRON = 5.000
RUDDER = .000 SPOBRK = 25.000

PARAMETRIC DATA

RUN NO. 159/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.060	-.07340	.03760	-.04060	-.07590	.03231	.00040	.02170	-.01100	.45500	.04267
.200	-2.000	.02510	.03580	-.04140	.02380	.03673	.00070	.02220	-.01300	1.29100	.04232
.200	-.960	.07330	.03690	-.04110	.07260	.03814	.00080	.02230	-.01400	.86000	.04157
.200	.060	.12200	.03850	-.04120	.12200	.03837	.00090	.02250	-.01600	.77600	.04108
.200	1.090	.17190	.04020	-.04130	.17270	.03695	.00100	.02260	-.01700	.74000	.04124
.200	2.130	.21990	.04280	-.04090	.22130	.03465	.00110	.02270	-.01900	.72000	.04075
.200	4.220	.31670	.05120	-.04000	.31960	.02779	.00100	.02260	-.02000	.69800	.03986
.200	6.270	.41330	.06330	-.04000	.41780	.01778	.00100	.02230	-.02200	.68700	.03869
.200	8.340	.51190	.07940	-.04050	.51800	.00426	.00100	.02170	-.02300	.68000	.03815
.200	10.420	.61800	.10110	-.04150	.62610	-.01236	.00130	.02220	-.02500	.67600	.03951
.200	12.490	.72450	.13200	-.04330	.73590	-.02779	.00160	.02330	-.02800	.67300	.03917
.200	14.640	.84300	.17080	-.04810	.85880	-.04780	.00200	.02240	-.03100	.67200	.04229
.200	16.670	.95460	.21990	-.05390	.97760	-.06321	.00210	.02060	-.03000	.67200	.04220
.200	18.760	1.07800	.27880	-.06170	1.11040	-.08277	.00140	.02230	-.03000	.67200	.04531
.200	20.820	1.18800	.35790	-.07060	1.23760	-.08786	.00800	.02670	-.03400	.67300	.05031
.200	22.950	1.29180	.46100	-.08280	1.36930	-.07922	.00070	.02380	-.03100	.67400	.05751
.200	25.040	1.37130	.53890	-.08090	1.47050	-.09230	.00150	.02560	-.03700	.67200	.06033
.200	27.060	1.42830	.61310	-.06730	1.55090	-.10402	-.00040	.02290	-.02700	.66800	.06582
.200	29.030	1.35690	.63230	-.01550	1.49330	-.10573	-.00320	.00290	-.00700	.65500	.07326
.200	30.930	1.14720	.60180	.06490	1.29340	-.07357	-.00070	-.00240	.01400	.63300	.08276
GRADIENT	.04717	.00165	.00165	.00007	.04783	-.00054	.00008	.00011	-.00117	-.00674	-.00034

REFERENCE DATA PARAMETRIC DATA

SPEE = 4.4119 SQ.FT. XMRP = 43.5974 INCHES BETA = BOFLAP = -12.000
 LREF = 19.2299 INCHES YMRP = .0000 INCHES ELEVON = 5.000 ATLCON = 10.000
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUBBER = SPDGRK = 25.000
 SCALE = .0405 SCALE

RUN NO. 160/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.130	-1.7050	.00640	.00710	-1.7340	.03403	.00410	.04080	-.03000	.66200	.03989
.250	-2.050	-.07170	.04000	.00740	-.07310	.03747	.00470	.04140	-.03400	.67200	.04179
.200	-1.000	-.02140	.04120	.00740	-.02210	.04089	.00480	.04140	-.03400	.72000	.03880
.200	-1.010	.02510	.03970	.00740	.02510	.03979	.00540	.04200	-.03800	.58900	.04049
.200	1.040	.07530	.04130	.00740	.07610	.03993	.00540	.04210	-.03900	.62900	.03905
.200	2.090	.12320	.04150	.00740	.12460	.03704	.00580	.04260	-.04200	.63700	.04016
.200	4.150	.22520	.04800	.00590	.22310	.03200	.00610	.04280	-.04500	.64200	.03785
.200	6.200	.31620	.05630	.00670	.32040	.02184	.00620	.04290	-.04700	.64400	.03781
.200	8.260	.41160	.06960	.00670	.41740	.00973	.00650	.04250	-.05000	.64600	.03624
.200	10.350	.51620	.08760	.00570	.52350	-.00655	.00700	.04300	-.05400	.64800	.03785
.200	12.420	.62740	.11500	.00380	.63750	-.02261	.00760	.04460	-.06000	.64900	.03864
.200	14.520	.73790	.15020	.00020	.75200	-.03954	.00830	.04400	-.06300	.65200	.03898
.200	16.510	.85550	.19430	-.00510	.87540	-.05847	.00840	.04280	-.06500	.65400	.04125
.200	18.690	.97420	.24910	-.01130	1.00270	-.07635	.00770	.04380	-.06600	.65600	.04292
.200	20.780	1.09200	.31370	-.01900	1.13230	-.09414	.00680	.04440	-.06200	.65800	.04671
.200	22.920	1.16970	.41750	-.03220	1.25840	-.07880	.00280	.04310	-.05400	.66100	.05456
.200	24.960	1.28150	.49650	-.03290	1.37130	-.09072	.00390	.04470	-.06000	.66000	.05860
.200	27.110	1.34090	.56820	-.02310	1.45270	-.10275	.00060	.04070	-.04800	.65800	.06328
.200	29.000	1.29190	.59670	.02020	1.41920	-.10453	-.00340	.01850	-.00600	.64600	.06860
.200	30.900	1.12660	.58140	.08810	1.26530	-.07967	-.00120	-.00910	.02500	.62600	.08382
GRADIENT		.04718	.00022	.00016	.04787	-.00023	.00025	.00026	-.00186	-.00548	-.00026

(022161) (07 JUN 74)

CM628 B26C9 M7F8 W16E28W85X9

PARAMETRIC DATA

BETA = .000 BDCLAP = -12.000
ELEVON = 5.000 AILRON = 5.000
RUDDER = .000 SPDBRK = 25.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2290 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 161/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.120	-1.7130	.03875	.00430	-1.7360	.02630	.00120	.02030	-.01000	.66100	.03950
.200	-2.550	-.07430	.03440	.00420	-.07540	.03175	.00150	.02050	-.01300	.67200	.03856
.200	-1.020	-.02360	.03290	.00450	-.02620	.03243	.00140	.02060	-.01200	.71600	.03902
.200	.030	.02440	.03270	.00440	.02440	.03269	.00180	.02080	-.01500	.58400	.03877
.200	1.040	.07370	.03360	.00460	.07430	.03227	.00170	.02100	-.01500	.62800	.03849
.200	2.080	.12360	.03500	.00460	.12480	.03049	.00190	.02110	-.01600	.63800	.03838
.200	4.110	.21710	.04050	.00510	.21950	.02488	.00200	.02140	-.01700	.64300	.03683
.200	6.200	.31790	.04930	.00530	.32140	.01467	.00230	.02160	-.01900	.64700	.03684
.200	8.280	.41830	.06310	.00590	.42300	.00222	.00210	.02120	-.02100	.64800	.03534
.200	10.350	.52240	.08050	.00360	.52840	-.01458	.00250	.02110	-.02500	.64900	.03711
.200	12.460	.62990	.10710	.00280	.63820	-.03127	.00300	.02200	-.02800	.65000	.03833
.200	14.520	.74010	.14250	-.00100	.75220	-.04753	.00370	.02100	-.03100	.65200	.03848
.200	16.590	.86110	.18710	-.00780	.87870	-.06651	.00390	.02010	-.03300	.65500	.04105
.200	18.710	.98520	.24340	-.01590	1.01120	-.08567	.00340	.02120	-.03200	.65700	.04319
.200	20.790	1.09990	.32040	-.02670	1.14200	-.09190	.00960	.02570	-.03400	.66000	.04708
.200	22.860	1.19790	.41210	-.03590	1.26400	-.08568	.00120	.02310	-.02900	.66200	.05303
.200	24.950	1.29300	.49290	-.03650	1.38020	-.09862	.00290	.02510	-.03600	.66200	.05735
.200	27.050	1.36030	.56970	-.03140	1.47060	-.11137	.00160	.02520	-.03300	.66000	.06153
.200	29.030	1.33250	.60920	-.00560	1.46070	-.11403	-.00210	.01110	-.03400	.65000	.06743
.200	30.920	1.12060	.57540	.08740	1.25710	-.08233	.00110	-.00610	.01700	.62600	.08205
.200	GRADIENT	.04738	.00021	.00019	.04795	-.00019	.00010	.00014	-.00086	-.00531	-.00027

REFERENCE DATA
 SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES BETA = .000 BDFLAP = -12.000
 LREF = 19.2299 INCHES YMRP = .0000 INCHES ELEVON = .000 AILEON = .000
 RREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = -7.960 SPOBRK = 25.000
 SCALE = .0405 SCALE

PARAMETRIC DATA

RUN NO. 162/0 RN/L = 1.42 GRADIENT INTERVAL = -6.05/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.190	-2.6910	.04230	.05090	-.27140	.02231	.00980	-.00450	-.01900	.72100	.03630
.200	-2.120	-1.1710	.03450	.05060	-.17250	.02818	.00950	-.00420	-.01800	.76000	.03660
.200	-1.080	-.12230	.03250	.05070	-.12290	.03018	.00950	-.00420	-.01900	.80400	.03581
.200	-.060	-.07450	.03040	.05110	-.07460	.03040	.00940	-.00400	-.01900	.90400	.03656
.200	.960	-.02460	.02990	.05130	-.02410	.03036	.00920	-.00380	-.01900	1.43400	.03549
.200	2.030	.12660	.02980	.05150	.02760	.02889	.00910	-.00360	-.01900	-.03300	.03587
.200	4.080	.12380	.03260	.05160	.12580	.02373	.00900	-.00350	-.01900	.50100	.03462
.200	6.120	.22290	.03790	.05110	.22570	.01383	.00880	-.00340	-.01800	.56800	.03511
.200	8.220	.32490	.04840	.05010	.32850	.00180	.00860	-.00330	-.01800	.59600	.03397
.200	10.310	.43140	.06360	.04980	.43520	-.01480	.00830	-.00340	-.01700	.61000	.03540
.200	12.370	.53350	.08610	.04980	.53950	-.03021	.00860	-.00300	-.01800	.61800	.03591
.200	14.450	.64970	.11800	.04590	.63260	-.04788	.00910	-.00390	-.01900	.62800	.03747
.200	16.550	.77090	.15970	.03960	.78450	-.06647	.00910	-.00500	-.01900	.63300	.03922
.200	18.630	.89280	.21050	.03070	.91320	-.08586	.00900	-.00590	-.01900	.63900	.04184
.200	20.730	1.01140	.27230	.02280	1.04230	-.10343	.00950	-.00600	-.02300	.64400	.04280
.200	22.800	1.11350	.37280	.01060	1.17090	-.08779	.01000	-.00100	-.02300	.64800	.05244
.200	24.900	1.20320	.44620	.01080	1.27930	-.10193	.01110	.00030	-.02800	.64900	.05537
.200	26.970	1.28230	.52320	.01290	1.37990	-.11508	.01140	.00210	-.03100	.64800	.05992
.200	28.980	1.30090	.58250	.03180	1.42030	-.12090	.00880	.00120	-.02200	.64300	.06341
.200	30.900	1.12490	.56410	.10680	1.25490	-.09363	.01040	-.00490	-.02100	.62000	.07548
	GRADIENT	.04757	-.00117	.00202	.04808	.00015	-.00210	.00013	-.00005	-.04288	-.00021

(RDZ163) (07 JUN 74)

04620 926C9 W7F0 W16E20W85X9

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -7.960 SPDBRK = 25.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 163/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CVM	CBL	CY	MCP/L	CAB
.200	-10.030	-.05480	.01550	.03590	-.05480	.01555	-.00720	.00570	.16700	.89300	.03941
.200	-8.540	-.06140	.02080	.04070	-.06140	.02085	-.00340	.00370	.12900	.89600	.03781
.200	-6.510	-.06760	.02460	.04500	-.06760	.02463	.00040	.00160	.09100	.89700	.03751
.200	-3.990	-.07080	.02880	.04810	-.07080	.02880	.00410	-.00070	.05200	.89200	.03518
.200	-1.980	-.07350	.02980	.05010	-.07350	.02987	.00700	-.00240	.01700	.89300	.03535
.200	.000	-.07610	.03130	.05090	-.07620	.03130	.00940	-.00380	-.01700	.89800	.03530
.200	2.010	-.07450	.02040	.05020	-.07460	.03039	.01180	-.00530	-.05300	.89900	.03693
.200	4.020	-.07360	.02860	.04810	-.07360	.02865	.01470	-.00700	-.08900	.89200	.03840
.200	6.070	-.06660	.02490	.04440	-.06660	.02492	.01790	-.00890	-.12700	.89700	.04016
.200	8.060	-.06170	.02040	.04120	-.06170	.02046	.02130	-.01050	-.16500	.89700	.04137
.200	10.090	-.05430	.01640	.03850	-.05430	.01646	.02370	-.01140	-.20100	.91300	.04309
	GRADIENT	-.00033	.00001	.00000	-.00033	.00001	.00130	-.00077	-.01759	-.00120	.00040

04628 B26C9 W7F6 W116E28W0R5B9

(RD2164) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. WREF = 43.5974 INCHES
 LREF = 19.2299 INCHES WREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .006 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = -7.960 SPDBRK = 25.000

RUN NO. 164/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-4.235	-.27550	.04190	.05210	-.27780	.02145	.00990	-.00450	-.01800	.72100	.03762
.260	-2.130	-.17460	.03470	.05150	-.17580	.02820	.00960	-.00430	-.01800	.76000	.03717
.260	-1.070	-.12450	.03240	.05170	-.12510	.03009	.00930	-.00470	-.01800	.80400	.03628
.260	-.020	-.07480	.03060	.05220	-.07480	.03060	.00950	-.00400	-.01900	.90800	.03640
.260	1.020	-.02250	.02990	.05220	-.02200	.03035	.00940	-.00390	-.01900	1.52400	.03602
.260	2.050	.02570	.02870	.05230	.02670	.02763	.00930	-.00370	-.01900	-.06700	.03735
.260	4.140	.12510	.03260	.05230	.12710	.02351	.00910	-.00350	-.01800	.50020	.03512
.260	6.240	.22570	.03900	.05170	.22860	.01424	.00880	-.00330	-.01700	.27400	.03325
.260	8.360	.33170	.04850	.05030	.33530	-.00018	.00870	-.00330	-.01800	.59600	.03464
.260	10.430	.43550	.06350	.05040	.43980	-.01640	.00850	-.00320	-.01800	.60900	.03607
.260	12.500	.54520	.08680	.05010	.55110	-.03383	.00880	-.00290	-.01900	.61800	.03722
.260	14.660	.65970	.12010	.04910	.66860	-.05075	.00910	-.00390	-.02000	.62700	.03767
.260	16.780	.78940	.16320	.03630	.80290	-.07169	.00920	-.00420	-.02400	.63500	.04139
.260	18.930	.91110	.21770	.02210	.93250	-.08952	.00890	-.00280	-.01900	.64100	.04201
.260	21.040	1.02450	.27340	.01310	1.06150	-.09400	.01610	-.00200	-.03500	.64500	.04532
.260	23.160	1.12680	.32340	.01150	1.18680	-.09073	.01030	-.00090	-.02400	.64800	.05270
.260	25.250	1.21730	.45790	.01080	1.29630	-.10524	.01200	.00090	-.02900	.64900	.05830
.260	27.350	1.29390	.53460	.01490	1.39670	-.11623	.01140	.00240	-.03100	.64800	.06232
.260	29.180	1.26660	.58130	.05220	1.38690	-.11485	.00940	.00290	-.02500	.63800	.06380
.260	31.250	1.04630	.55730	.11900	1.21810	-.08663	.00780	-.00130	-.01900	.61600	.07990
GRADIENT		.04792	-.00118	.02207	.04843	.00018	-.00009	.00033	-.00077	-.04099	-.00023

Q4628 B26C9 M7F8 W16C28WR5X9

(RZ185) (07 JUN 74)

REFERENCE DATA

SEEF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LEFP = 19.2299 INCHES YMRP = .0000 INCHES
 BEFP = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 165/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.0000	-.05280	.01460	.03610	-.05280	.01456	-.00770	.00590	.16900	.90300	.04020
.260	-8.0000	-.05590	.01950	.04110	-.06000	.01953	-.00390	.00380	.13200	.90400	.03926
.260	-6.0000	-.06020	.02410	.04540	-.06530	.02406	.00010	.00160	.09300	.90800	.03828
.260	-4.0000	-.06950	.02730	.04890	-.06980	.02724	.00390	-.00060	.05500	.90800	.03721
.260	-2.0000	-.07310	.03100	.05100	-.07310	.03095	.00690	.01800	.01800	.90800	.03537
.260	.0000	-.07490	.03130	.05140	-.07490	.03129	.00940	-.02400	-.01700	.90600	.03595
.260	2.0000	-.07360	.03070	.05090	-.07370	.03064	.01210	-.00540	-.00400	.90600	.03719
.260	4.0000	-.07180	.02840	.04860	-.07190	.02838	.01510	-.00730	-.00900	.90000	.03896
.260	6.0000	-.06780	.02440	.04450	-.06780	.02433	.01840	-.00910	-.12800	.89900	.04116
.260	8.0000	-.06250	.02060	.04190	-.06250	.02056	.02190	-.01070	-.16800	.89800	.04210
.260	10.0000	-.05570	.01650	.03930	-.05570	.01650	.02410	-.01140	-.20400	.91100	.04353
GRADIENT	-.00025	.00009	.00000	.00000	-.00027	.00000	.00137	-.00082	-.01799	-.00090	.00026

Q4628 B26C9 M7F8 W16C28WR5X9

(RZ166) (07 JUN 74)

REFERENCE DATA

SEEF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LEFP = 19.2299 INCHES YMRP = .0000 INCHES
 BEFP = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 166/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.0000	.19600	.02070	.03680	.19710	.00299	-.01000	.01410	.17100	.58300	.03964
.260	-8.0000	.18930	.02590	.04170	.19080	.00865	-.00550	.01020	.13300	.57100	.03771
.260	-6.0000	.18290	.02980	.04610	.18490	.01315	-.00100	.00650	.09300	.55900	.03681
.260	-4.0000	.16000	.03200	.04930	.18020	.01565	.00290	.00280	.05500	.55200	.03623
.260	-2.0000	.17730	.03410	.05120	.17970	.01796	.00620	-.00050	.01900	.54700	.03561
.260	.0000	.17480	.03440	.05240	.17720	.01849	.00920	-.00340	-.01700	.54300	.03583
.260	2.0000	.17560	.03390	.05190	.17800	.01791	.01170	-.00610	-.05400	.54600	.03763
.260	4.0000	.17790	.03210	.04880	.18010	.01587	.01470	-.00920	-.09100	.55200	.03954
.260	6.0000	.17990	.02880	.04580	.18180	.01248	.01780	-.01220	-.12900	.55900	.04174
.260	8.0000	.18450	.02550	.04280	.18600	.00871	.02130	-.01540	-.16700	.56700	.04303
.260	10.0000	.19130	.02220	.03930	.19260	.00487	.02440	-.01830	-.20400	.57600	.04305
GRADIENT	-.00029	-.00000	-.00000	-.00007	-.00029	.00002	.00145	-.00147	-.01813	-.00095	.00043



04628 B26C9 W7F8 W16E28W85X9

(RDZ167) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 167 / 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00 / 6.00

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -7.960 SPDBRK = 25.000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.080	.45520	.05440	.03350	.45760	-.02897	-.01100	.02280	.17100	.82500	.04170
.260	-8.060	.44850	.05880	.03810	.45170	-.02349	-.00680	.01740	.13200	.82100	.03849
.260	-6.040	.44620	.06070	.04260	.44990	-.02111	-.00210	.01210	.09200	.61700	.03741
.260	-4.020	.44030	.06350	.04720	.44460	-.01731	.00200	.00690	.05500	.61300	.03541
.260	-2.020	.43810	.06390	.04990	.44240	-.01655	.00560	.00150	.01900	.61000	.03624
.260	.000	.43490	.06480	.05040	.43950	-.01497	.00830	-.00310	-.01500	.60900	.03602
.260	2.020	.43770	.06450	.04940	.44210	-.01559	.01130	-.00770	-.05200	.61100	.03680
.260	4.030	.43730	.06300	.04680	.44150	-.01724	.01420	-.01260	-.08800	.61300	.03754
.260	6.090	.44140	.06020	.04320	.44500	-.02079	.01760	-.01730	-.12700	.61600	.04060
.260	8.100	.44600	.05720	.03940	.44890	-.02494	.02010	-.02180	-.16400	.61900	.04448
.260	10.110	.45220	.05450	.03590	.45460	-.02843	.02340	-.02680	-.20200	.62300	.04678
GRADIENT	-.00032	-.00002	-.00002	-.00007	-.00032	.00004	.00149	-.00239	-.01773	.00005	.00024

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 168 / 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00 / 6.00

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -7.960 SPDBRK = 25.000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.74410	.13300	.01790	.75220	-.07418	-.01220	.02770	.17200	.64300	.04322
.260	-8.070	.73650	.13560	.02480	.74570	-.06901	-.00720	.02110	.13100	.63900	.04063
.260	-6.060	.73040	.13940	.03380	.74090	-.06370	-.00130	.01440	.09000	.63500	.03818
.260	-3.990	.72650	.14070	.03820	.73750	-.06147	.00250	.00770	.05400	.63300	.03853
.260	-2.020	.72400	.14210	.04050	.73540	-.05942	.00630	.00110	.01700	.63100	.03819
.260	.000	.72540	.14200	.04110	.73680	-.05988	.00900	-.00400	-.01900	.63100	.03969
.260	2.020	.72180	.14160	.04070	.73310	-.05924	.01180	-.00940	-.05600	.63100	.03895
.260	4.040	.72440	.14010	.03880	.73520	-.06134	.01490	-.00940	-.09300	.63200	.03882
.260	6.070	.72790	.13740	.03480	.73790	-.06548	.01730	-.02140	-.12800	.63400	.04088
.260	8.080	.73560	.13560	.02830	.74560	-.06899	.02100	-.02790	-.16700	.63800	.04231
.260	10.120	.74060	.13450	.02240	.74930	-.07122	.02420	-.03360	-.20500	.64100	.04276
GRADIENT	-.00032	-.00009	-.00002	-.00007	-.00034	.00002	.00151	-.00281	-.01826	-.00010	.00007

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B26C9 W7F8 W216E28W83X9

(RDZ169) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
-REF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 20.000 SDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = -7.980 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 169/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WCH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.070	1.02020	.29700	-.00560	1.05880	-.08831	-.02190	.03190	.18000	.65450	.04966
.260	-8.070	1.01910	.30190	.00320	1.05950	-.08338	-.01370	.02270	.14200	.65100	.04733
.260	-6.030	1.01450	.30310	.01270	1.05570	-.08059	-.00810	.01640	.10200	.64700	.04576
.260	-4.010	1.01120	.30510	.01660	1.05750	-.07818	-.00350	.01000	.06500	.64600	.04444
.260	-2.010	1.01910	.30840	.01520	1.06190	-.07757	.00250	.00330	.02200	.64600	.04584
.260	.010	1.02210	.30830	.01660	1.06470	-.07875	.00810	-.00170	-.01200	.64600	.04798
.260	2.030	1.02210	.30540	.01690	1.06390	-.08150	.01380	-.00510	-.06000	.64600	.04791
.260	4.050	1.01950	.30010	.01740	1.05930	-.08557	.01940	-.01190	-.11400	.64600	.04621
.260	6.080	1.01820	.29620	.01610	1.05670	-.08854	.02390	-.01490	-.14300	.64600	.04603
.260	8.110	1.02670	.29500	.00640	1.06420	-.09280	.02860	-.02460	-.18400	.64900	.04970
.260	10.110	1.03990	.30000	-.00550	1.07830	-.09717	.03390	-.03110	-.22800	.65400	.05171
GRADIENT		.00057	-.00075	.00109	.00026	-.00193	.00283	-.00261	-.00068	-.00000	.00023

04628 B26C9 4778 W16E28V8R3X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 RDLAP = -12.000
 ELEVON = .000 ALLRON = .000
 RUDDER = -16.220 SPJBRK = 25.000

RUN NO. 170/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-4.250	-27150	.05170	.05840	-27460	.03144	.02340	-0.1250	-.04700	.73000	.03881
.260	-2.140	-17350	.04400	.05790	-17510	.03747	.02290	-0.1210	-.04700	.77400	.03232
.260	-1.100	-12780	.04150	.05200	-12890	.03977	.02260	-0.1190	-.04600	.81800	.02848
.260	-.030	-07800	.03880	.05250	-07900	.03555	.02230	-0.1160	-.04600	.92400	.03359
.260	.960	-03110	.03880	.05240	-03050	.03935	.02200	-0.1140	-.04600	1.35800	.03784
.260	2.020	.01970	.03750	.05880	.02100	.03654	.02190	-0.1110	-.04500	-.37300	.03911
.260	4.140	.11920	.04110	.05670	.12190	.03243	.02130	-0.1090	-.04400	.47400	.03625
.260	6.200	.21620	.04450	.05600	.21970	.02693	.02090	-0.1030	-.04400	.55400	.03635
.260	8.340	.32020	.05670	.05550	.32570	.02894	.02020	-0.0990	-.04200	.52800	.02625
.260	10.420	.42360	.07040	.05670	.42860	.00743	.01970	-0.0980	-.04300	.60300	.03783
.260	12.510	.52580	.09330	.05580	.53350	-.02285	.01970	-0.0910	-.04100	.61300	.03751
.260	14.640	.64670	.12540	.05080	.65740	-.14210	.02000	-0.1010	-.04200	.62300	.03954
.260	16.750	.76640	.16850	.04180	.78240	-.05932	.02000	-0.1020	-.04300	.63000	.04082
.260	18.820	.89160	.22110	.03400	.91710	-.18014	.01980	-0.1080	-.04300	.63000	.04422
.260	21.010	1.02330	.28620	.02420	1.04280	-.08330	.02690	-0.1040	-.05700	.64300	.04790
.260	23.110	1.10570	.36450	.01590	1.16790	-.16049	.02150	-0.1060	-.04700	.64700	.05464
.260	25.250	1.19330	.45930	.01700	1.27520	-.09364	.02330	-0.0940	-.05200	.64700	.05974
.260	27.330	1.26700	.53740	.02000	1.37220	-.10428	.02330	-0.1020	-.05400	.64600	.05425
.260	29.340	1.22860	.57550	.05770	1.35300	-.10744	.02120	-0.0930	-.04200	.63800	.04910
.260	31.270	1.07750	.54860	.12830	1.17170	-.06834	.02190	-0.1010	-.04000	.61100	.07952
.260		.04656	-.00132	.00208	.04725	.00007	-.00025	.00023	.00036	-.06323	-.00118

GRADIENT

DATE 02 JUL 74 TABULATED SOURCE DATA - OM628

OM628 B26C9 W/F8 W16E28W8R5X9

(RDZ171) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.220 SPD8RK = 25.000

RUN NO. 171/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.100	-.05200	.02100	.04040	-.05200	.02097	.00400	-.00090	.14600	.93800	.04180
.260	-8.080	-.05910	.02730	.04670	-.05920	.02733	.00860	-.00340	.10600	.94200	.04056
.260	-6.060	-.06450	.03190	.05150	-.06450	.03184	.01300	-.00590	.06700	.94600	.04034
.260	-4.020	-.07050	.03610	.05510	-.07060	.03610	.01720	-.00840	.02800	.93900	.03933
.260	-2.030	-.07330	.03850	.05790	-.07330	.03849	.02000	-.00990	.00800	.94200	.03914
.260	-.020	-.07420	.03960	.05860	-.07420	.03962	.02230	-.01150	-.04300	.94200	.03892
.260	1.990	-.07380	.03880	.05720	-.07380	.03878	.02500	-.01310	-.08000	.93700	.04001
.260	4.030	-.07370	.03730	.05480	-.07370	.03726	.02750	-.01470	-.11600	.92500	.04060
.260	6.040	-.06830	.03350	.05140	-.06830	.03353	.03030	-.01610	-.15300	.92800	.04205
.260	8.070	-.06370	.02890	.04850	-.06370	.02886	.03240	-.01700	-.18900	.93200	.04431
.260	10.110	-.05840	.02340	.04720	-.05840	.02336	.03260	-.01620	-.22200	.94900	.04622
GRADIENT	-.00034	-.00013	-.00007	-.00007	-.00033	.00013	.00127	-.00079	-.01789	-.00165	.00017

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.220 SPD8RK = 25.000

RUN NO. 172/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.100	.19040	.02580	.04100	.19190	.00658	.00170	.00740	.14900	.57300	.04078
.260	-8.090	.18260	.03100	.04750	.18470	.01443	.00660	.00320	.11000	.55700	.03979
.260	-6.070	.17510	.03630	.05300	.17760	.02036	.01150	-.00080	.06900	.54200	.03799
.260	-4.030	.17200	.03880	.05610	.17480	.02316	.01600	-.00480	.03000	.53300	.03773
.260	-2.030	.17070	.04130	.05810	.17370	.02581	.01860	-.00770	-.00500	.52900	.03691
.260	-.010	.16970	.04110	.05820	.17270	.02570	.02110	-.01050	-.04200	.52700	.03767
.260	2.000	.16950	.04100	.05650	.17250	.02558	.02340	-.01310	-.07700	.53100	.03862
.260	4.030	.17200	.03870	.05370	.17480	.02308	.02600	-.01590	-.11500	.53900	.04090
.260	6.050	.17390	.03530	.05050	.17640	.01954	.02880	-.01870	-.15200	.54600	.04295
.260	8.060	.17830	.03300	.04770	.18120	.01674	.03160	-.02140	-.18900	.55500	.04232
.260	10.100	.18480	.02840	.04590	.18660	.01165	.03310	-.02300	-.22500	.56100	.04585
GRADIENT	-.00006	-.00003	-.00003	-.00032	-.00016	-.00002	.00123	-.00137	-.01797	-.00070	.00014

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TABULATED SOURCE DATA - 04628

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04628 B26C9 M7F8 W16E28V8E5X9

(RD2173) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = -16.220 SPD8RK = 25.000

RUN NO. 173/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.080	.44290	.03880	.03840	.44620	-.02224	-.00010	.01670	.14900	.62000	.04240
.260	-8.080	.43700	.06380	.04330	.44140	-.01616	.00470	.01100	.11000	.61600	.03977
.260	-6.070	.43290	.09630	.04930	.43770	-.01302	.00960	.00530	.07200	.61000	.03906
.260	-4.020	.42410	.05910	.05490	.42960	-.00864	.01430	-.00010	.03200	.60500	.03680
.260	-2.030	.42450	.06980	.05620	.43020	-.00618	.01720	-.00510	.00300	.60400	.03726
.260	-.030	.42270	.06980	.05570	.42830	-.00769	.01970	-.00980	-.03800	.60400	.03669
.260	2.020	.42520	.06690	.05430	.43070	-.00914	.02270	-.01430	-.07600	.60500	.03619
.260	4.040	.42510	.06750	.05170	.42150	-.01144	.02470	-.01860	-.11100	.60700	.03854
.260	6.050	.43080	.06490	.04730	.43550	-.01400	.02730	-.02300	-.14800	.61200	.04191
.260	8.080	.43340	.06140	.04420	.43740	-.01787	.02960	-.02680	-.18400	.61400	.04512
.260	10.100	.43610	.05880	.04110	.44160	-.02138	.03160	-.03110	-.21900	.61700	.04781
GRADIENT	.00015	-.00020	-.00020	-.00041	.00011	-.00023	.00130	-.00229	-.01782	.00025	.00022

04628 B26C9 M7F8 W16E28V8E5X9

(RD2174) (07 JUN 74)

REFERENCE DATA

SREF = 1.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = -16.220 SPD8RK = 25.000

RUN NO. 174/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.73070	.13480	.02000	.73990	-.06789	-.00070	.02210	.14800	.64200	.04372
.260	-8.090	.72150	.13820	.02860	.73200	-.06217	.00320	.01480	.10700	.63700	.04156
.260	-6.070	.71070	.14170	.03670	.72260	-.05581	.01030	.00770	.06800	.63200	.03920
.260	-4.040	.70800	.14360	.04410	.72340	-.05328	.01450	.00110	.03100	.62900	.03945
.260	-2.030	.70530	.14440	.04730	.71800	-.05177	.01820	-.00480	-.00600	.62700	.03941
.260	-.020	.70650	.14440	.04680	.71920	-.05205	.02090	-.00980	-.04300	.62800	.04001
.260	1.990	.70800	.14420	.04590	.72160	-.05269	.02350	-.01530	-.08000	.62800	.04025
.260	4.020	.70800	.14240	.04420	.72120	-.05435	.02560	-.02270	-.11600	.62900	.03963
.260	6.050	.71120	.13970	.03920	.72150	-.05760	.02740	-.02630	-.15000	.63100	.04143
.260	8.070	.71990	.13680	.03310	.73010	-.06315	.03090	-.03230	-.18800	.63500	.04264
.260	10.090	.72700	.13420	.02710	.73620	-.06751	.03340	-.03740	-.22500	.63800	.04500
GRADIENT	.00013	-.00013	-.00013	-.00006	.00011	-.00045	.00136	-.00262	-.01825	.00015	.00016

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(RD2175) (07 JUN 74)

TABULATED SOURCE DATA - 0A628
0A628 B26C9 W7F8 W16E28W8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0400 SCALE

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.225 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 175/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.060	1.02660	.30630	-.01570	1.06820	-.08240	-.01070	.02030	.16900	.65700	.05276
.260	-8.070	1.01470	.31050	-.00300	1.05860	-.07421	-.00230	.01130	.12500	.65300	.04940
.260	-6.040	1.00740	.31080	-.00790	1.05180	-.07142	.00330	.00540	.08400	.64900	.04884
.260	-4.000	1.00740	.31390	.01360	1.05300	-.06846	.00910	.00070	.04300	.64700	.04799
.260	-2.000	1.00590	.31640	.01560	1.05240	-.06569	.01470	-.00520	.00000	.64600	.04798
.260	.000	1.00540	.31320	.01810	1.05090	-.06853	.01990	-.01000	-.04100	.64500	.05062
.260	2.030	1.00030	.30850	.02750	1.04440	-.07100	.02550	-.01510	-.08500	.64400	.04916
.260	4.050	.99880	.30230	.02230	1.04080	-.07622	.03100	-.02040	-.12900	.64400	.04586
.260	6.090	1.00250	.29830	.01770	1.04280	-.08127	.03460	-.02500	-.16700	.64500	.04692
.260	8.110	1.00950	.29570	.01010	1.04840	-.08620	.03820	-.03150	-.20400	.64800	.04959
.260	10.120	1.02470	.30050	-.00190	1.06420	-.08737	.04170	-.03790	-.24600	.65200	.05246
GRADIENT		-.00113	-.00155	.00111	-.00161	-.00104	.00271	-.00259	-.02131	-.00040	-.000015

(002176) (07 JUN 74)

04628 B26C5 W7F8 W16E28V8R5J8

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -7.960 SPDBRK = 40.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 176/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-4.190	-2.7580	.05100	.06130	-2.7880	.03076	.00960	-1.00420	-0.1800	.73300	.04014
.260	-2.110	-1.1790	.04330	.06150	-1.8120	.03671	.00940	-1.00420	-0.1900	.77700	.04052
.260	-1.060	-1.3050	.04140	.06120	-1.3120	.03970	.00920	-1.00410	-0.1800	.82300	.03922
.260	.000	-0.0230	.03940	.06160	-0.0230	.03943	.00920	-1.00390	-0.1900	.92700	.03949
.260	1.010	-0.0410	.03850	.06130	-0.0340	.03965	.00910	-1.00370	-0.1900	1.33300	.03827
.260	2.050	.01460	.03880	.06230	.01600	.03794	.00890	-1.00370	-0.1900	-1.77300	.03668
.260	4.130	.05930	.03940	.06220	.11190	.03144	.00820	-1.00330	-0.2000	.44700	.03448
.260	5.290	.21370	.04640	.06130	.21750	.02276	.00750	-1.00320	-0.1800	.54800	.03268
.260	8.350	.31540	.05430	.05960	.32000	.01797	.00620	-1.00320	-0.1800	.58300	.03077
.260	10.450	.41870	.05970	.06070	.42440	.00734	.00790	-1.00330	-0.1700	.60000	.02816
.260	12.570	.52470	.06230	.05930	.53220	.02409	.00820	-1.00280	-0.1800	.61100	.02911
.260	14.670	.63850	.06420	.06430	.64310	.04156	.00860	-1.00360	-0.2000	.62100	.02807
.260	16.780	.76660	.06720	.06580	.76240	.06074	.00880	-1.00410	-0.2000	.63000	.02555
.260	18.900	.89600	.07070	.06770	.89370	.07525	.00960	-1.00250	-0.2100	.63700	.02384
.260	21.050	1.00960	.07660	.07230	1.04881	.08560	.01600	-1.00180	-0.2000	.64300	.02302
.260	23.170	1.10890	.08230	.07980	1.16990	.09552	.00910	-1.00370	-0.2300	.64900	.02573
.260	25.270	1.19870	.08860	.08640	1.27770	.09297	.01170	-1.00140	-0.2100	.64500	.02877
.260	27.400	1.27500	.09460	.09120	1.37420	.08740	.01130	-1.00150	-0.2100	.64600	.02514
.260	29.580	1.33880	.09810	.09940	1.36460	.08147	.00980	-1.00100	-0.2600	.63600	.02973
.260	31.230	1.02690	.04720	.13130	1.16180	.06473	.01180	-1.00980	-0.1500	.61000	.07846
GRADIENT	.04636	.04636	-1.07130	.06013	.04704	.00318	-1.00010	.00011	-0.00021	-0.02549	-0.00025

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TABULATED SOURCE DATA - 0462B

0462B B26C9 MTF8 W16E28WR5X9

(02Z177) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -7.960 SPDBRK = 40.000

PARAMETRIC DATA

RUN NO. 177/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.060	-.05800	.02490	.04600	-.05800	.02457	-.00910	-.00630	.17200	.94300	.04288
.260	-8.070	-.06510	.02920	.05150	-.06510	.02925	-.00480	.00410	.13300	.94300	.04225
.260	-6.050	-.07160	.03460	.05610	-.07160	.03463	-.00050	.00180	.09400	.94000	.04045
.260	-4.010	-.07450	.03700	.05890	-.07450	.03700	.00400	-.00070	.05400	.94200	.04022
.260	-2.000	-.07890	.03920	.06150	-.07890	.03921	.00680	-.00250	.01800	.93900	.03944
.260	.000	-.08040	.04000	.06180	-.08040	.04003	.00930	-.00390	.01700	.93500	.03905
.260	4.040	-.07710	.03800	.05880	-.07720	.03804	.01480	-.00700	-.09000	.93200	.04150
.260	6.080	-.07260	.03540	.05590	-.07260	.03540	.01820	-.00890	-.13000	.93500	.04262
.260	8.100	-.06880	.03030	.05240	-.06880	.03029	.02170	-.01040	-.16200	.93200	.04540
.260	10.120	-.06020	.02580	.04870	-.06020	.02579	.02490	-.01180	-.20700	.95000	.04645
GRADIENT	-.00023	-.00008	.00008	-.00008	-.00024	.00008	.00134	-.00077	-.01788	-.00125	.00018

0462B B26C9 MTF8 W16E28WR5X9

(02Z178) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -7.960 SPDBRK = 40.000

PARAMETRIC DATA

RUN NO. 178/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.070	.16670	.02950	.04650	.16660	.0246	-.01090	.01430	.17300	.96100	.04302
.260	-8.060	.17790	.03490	.05150	.18040	.02180	-.00630	.01060	.13400	.94600	.04080
.260	-6.040	.17480	.03840	.05660	.17760	.02236	-.00160	.00660	.09300	.93400	.04038
.260	-4.030	.16850	.04140	.05960	.17160	.02598	.00290	.00250	.05500	.92400	.03873
.260	-2.020	.16670	.04190	.06150	.16990	.02659	.00620	-.00070	.01800	.91800	.03911
.260	.010	.16460	.04260	.06130	.16780	.02756	.00880	-.00330	.01700	.91700	.03791
.260	2.020	.16580	.04260	.06000	.16900	.02738	.01120	-.00590	-.05400	.92100	.03964
.260	4.040	.16950	.03960	.05700	.17240	.02408	.01450	-.00910	-.09200	.93000	.04318
.260	6.030	.17200	.03760	.05370	.17470	.02188	.01790	-.01230	-.13000	.93800	.04404
.260	8.090	.17490	.03440	.05170	.17730	.01836	.02150	-.01540	-.16900	.94400	.04558
.260	10.120	.18170	.03030	.04810	.18370	.01372	.02520	-.01880	-.20700	.95500	.04716
GRADIENT	.00005	-.00014	-.00008	-.00003	.00003	-.00015	.00140	-.00141	-.01114	.00074	.00047

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TABULATED SOURCE DATA - 0A62B

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0A62B B26C9 M7F8 M16E28W85X9

(RDZ179) (17 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -7.960 SPD8RK = 40.000

PARAMETRIC DATA

RUN NO. 179/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CLN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.080	.44160	.06110	.44540	-.02023	-.01160	.02310	.17200	.61800	.04452
.260	-8.070	.43750	.06530	.44200	-.01540	-.00770	.01790	.13400	.61300	.04165
.260	-6.020	.43010	.06800	.43530	-.01136	-.00280	.01240	.09300	.60700	.03937
.260	-4.000	.42820	.06950	.43180	-.00915	.00160	.00690	.05500	.60300	.03896
.260	-2.010	.42120	.07150	.42720	-.00628	.00530	.00150	.01900	.60000	.03706
.260	.000	.42140	.07130	.42740	-.00645	.00800	-.00290	-.01600	.60100	.03735
.260	2.020	.42140	.07060	.42720	-.00713	.01090	-.00750	-.05200	.60200	.03872
.260	4.050	.42390	.06870	.42930	-.00949	.01420	-.01240	-.09000	.60500	.04002
.260	6.080	.42990	.06600	.43480	-.01324	.01820	-.01740	-.13000	.60900	.04260
.260	8.100	.43490	.06260	.43910	-.01754	.02100	-.02200	-.16000	.61300	.04672
.260	10.110	.43980	.05040	.44350	-.02060	.02390	-.02670	-.18000	.61600	.04881
GRADIENT	-.00022	-.00013	-.00036	-.00025	-.00008	.00153	-.00236	-.01793	.00030	.00019

0A62B B26C9 M7F8 M16E28W85X9

(RDZ180) (17 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -7.960 SPD8RK = 40.000

PARAMETRIC DATA

RUN NO. 180/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CLN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.070	.72920	.13740	.73920	-.06575	-.01250	.02820	.17200	.64000	.04490
.260	-8.050	.72090	.14080	.73200	-.06016	-.00740	.02170	.13100	.63500	.04214
.260	-6.040	.71130	.14410	.72370	-.05431	-.00140	.01430	.08900	.63000	.04032
.260	-3.990	.70520	.14560	.71820	-.05122	.00240	.00780	.05200	.62800	.03966
.260	-2.010	.70380	.14510	.71680	-.05133	.00660	.00140	.01600	.62600	.04584
.260	.000	.70710	.14560	.72010	-.05182	.00950	-.00370	-.02000	.62600	.04165
.260	2.030	.70500	.14450	.71780	-.05225	.01210	-.00890	-.05800	.62600	.04163
.260	4.050	.70890	.14420	.72140	-.05363	.01490	-.01510	-.09400	.62800	.04133
.260	6.070	.70810	.14050	.71970	-.05597	.01730	-.02100	-.12900	.62900	.04211
.260	8.100	.72130	.13770	.73160	-.06319	.02200	-.02800	-.17100	.63400	.04567
.260	10.120	.72440	.13600	.73410	-.06577	.02550	-.03360	-.20900	.63700	.04612
GRADIENT	.00043	-.00017	-.00002	.00037	-.00029	.00152	-.00279	-.01819	.00000	.00020

OM62B B26C9 WFF8 W16E28W85X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -7.960 SPDBRK = 40.000

RUN NO. 181/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.040	1.0110	-.00360	1.05190	-.08127	-.02280	.03070	.18900	.63300	.05288
.260	-8.080	.99840	.00700	1.04110	-.07424	-.01490	.02200	.14200	.64900	.04934
.260	-6.050	.99070	.01920	1.03480	-.06900	-.00920	.01510	.10400	.64500	.04680
.260	-4.000	.99820	.02180	1.04290	-.06888	-.00440	.00870	.06700	.64400	.04653
.260	-2.020	1.00470	.02060	1.04980	-.06932	.00150	.00150	.02510	.64400	.04985
.260	.000	1.00230	.02270	1.04760	-.06817	.00720	-.00370	-.01600	.64400	.05016
.260	2.040	.99590	.02560	1.04000	-.07201	.01320	-.00840	-.01600	.64300	.04940
.260	4.040	.99240	.02850	1.03400	-.07601	.01940	-.01250	-.01500	.64100	.04753
.260	6.080	.99310	.02990	1.03320	-.07983	.02380	-.01770	-.01450	.64300	.04734
.260	8.080	1.00330	.01590	1.04260	-.08396	.02810	-.02450	-.01800	.64600	.05167
.260	10.110	1.01510	.00330	1.05500	-.08472	.03360	-.03170	-.02800	.65000	.05335
GRADIENT	-.00102	-.00117	.00092	-.00138	-.00074	.00294	-.00260	-.02130	-.00035	.00007

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.220 SPDBRK = 40.000

RUN NO. 183/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	-.06130	.02360	-.06130	.02361	.00330	-.00070	.14600	.91900	.04322
.260	-8.100	-.06740	.03040	-.06750	.03035	.00800	-.00320	.10700	.93400	.04249
.260	-6.070	-.07370	.03600	-.07370	.03600	.01260	-.00580	.06700	.93800	.04157
.260	-4.010	-.07940	.04000	-.07940	.04002	.01710	-.00840	.02700	.93700	.04111
.260	-2.030	-.08180	.04230	-.08180	.04223	.01980	-.00990	.01900	.94000	.04101
.260	.000	-.08430	.04380	-.08400	.04376	.02200	-.01120	.00400	.93600	.04305
.260	1.990	-.08440	.04300	-.08440	.04294	.02450	-.01260	-.01600	.93000	.04138
.260	4.130	-.08240	.04110	-.08240	.04110	.02710	-.01420	-.01600	.92600	.04228
.260	6.050	-.07720	.03780	-.07730	.03781	.02930	-.01580	-.01500	.93100	.04415
.260	8.070	-.07260	.03450	-.07260	.03450	.03190	-.01630	-.01800	.93600	.04572
.260	10.110	-.06750	.03170	-.06750	.02920	.03270	-.01610	-.02300	.94400	.04792
GRADIENT	-.00043	-.00014	.00004	-.00043	.00004	.00123	-.00070	-.00776	-.00160	.00014

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(RDZ184) (07 JUN 74)

04628 826C9 M7F8 W16E28VR5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -16.220 SPDBRK = 40.000

RUN NO. 184/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	.17940	.02950	.04660	.18130	.01325	.00110	.00760	.15000	.55700	.04297
.260	-8.090	.17310	.03480	.03330	.17350	.01913	.00600	.00350	.11000	.54000	.04188
.260	-6.080	.16680	.04040	.05950	.16980	.02523	.01100	-.00050	.06900	.52300	.04042
.260	-4.030	.16370	.04340	.06330	.16700	.02855	.01540	-.00450	.03000	.51200	.03954
.260	-2.030	.15990	.04620	.06480	.16350	.03162	.01810	-.00730	-.00600	.50600	.03817
.260	.000	.16030	.04590	.06510	.16380	.03121	.02060	-.00980	-.04200	.50500	.03871
.260	2.010	.15970	.04490	.06370	.16310	.03038	.02330	-.01260	-.08700	.50800	.04130
.260	4.030	.16180	.04500	.06110	.16520	.03130	.02580	-.01530	-.11600	.51500	.04183
.260	6.050	.16380	.04140	.05840	.16590	.02632	.02850	-.01820	-.15200	.52300	.04443
.260	8.070	.16850	.03870	.05660	.17130	.02338	.03090	-.02080	-.18800	.53000	.04588
.260	10.090	.17380	.03510	.05370	.17620	.01934	.03240	-.02270	-.22300	.53900	.04689
GRADIENT	-.00020	.00009	-.00027	-.00020	-.00020	.00011	.00129	-.00133	-.01815	.00040	.00039

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -16.220 SPDBRK = 40.000

RUN NO. 185/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	.43560	.06190	.04370	.43970	-.01790	-.00020	.01660	.15000	.61500	.04556
.260	-8.080	.42850	.06670	.04950	.43350	-.01185	.00470	.01190	.11000	.61000	.04278
.260	-6.070	.42250	.06940	.05590	.42810	-.00811	.00980	.00530	.07000	.60400	.04052
.260	-4.010	.41650	.07210	.06120	.42270	-.00434	.01390	.00020	.03200	.59800	.03856
.260	-2.030	.41510	.07340	.06300	.42150	-.00285	.01570	-.00450	-.00300	.59700	.03827
.260	-.020	.41500	.07410	.06250	.42160	-.00216	.01910	-.00910	-.03900	.59700	.03748
.260	1.990	.41600	.07310	.06140	.42240	-.00332	.02210	-.01380	-.07600	.59800	.03941
.260	4.040	.41770	.07150	.05880	.42370	-.00521	.02450	-.01820	-.11100	.60100	.04072
.260	6.050	.42320	.06880	.05460	.42870	-.00887	.02760	-.02270	-.15000	.60500	.04401
.260	8.070	.42850	.06560	.05120	.43330	-.01313	.02980	-.02670	-.18600	.60800	.04808
.260	10.100	.43130	.06340	.04940	.43560	-.01577	.03110	-.03030	-.22000	.61000	.05032
GRADIENT	.00017	.00008	-.00008	-.00032	.00015	-.00011	.00132	-.00229	-.01784	.00035	.00027

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TABULATED SOURCE DATA - OM628

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OM628 B26C9 M7F8 W16E28W85X9

(02Z186) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .5405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
 ELEWON = .000 ATLRON = .000
 RUDDER = -16.220 SPDBRK = 40.000

PARAMETRIC DATA

RUN NO. 186/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	MCP/L	CAB
.260	-10.110	.72120	.13760	.02660	.73150	-.056278	-.00060	.02180	.14800	.63800	.04546
.260	-8.080	.71300	.14170	.03480	.72480	-.05666	.02530	.01490	.10600	.63400	.04306
.260	-6.060	.70340	.14470	.04350	.71630	-.05514	.01060	.00780	.06600	.62900	.04051
.260	-4.020	.70150	.14560	.05010	.71470	-.04986	.01440	.00140	.02900	.62600	.04217
.260	-2.020	.70000	.14730	.05350	.71380	-.04765	.01780	-.00420	-.00700	.62400	.04083
.260	-.020	.70090	.14730	.05380	.71461	-.04806	.02040	-.00930	-.04400	.62400	.04187
.260	2.000	.70090	.14720	.05250	.71460	-.04818	.02280	-.01480	-.08000	.62500	.04177
.260	4.020	.70150	.14610	.05070	.71490	-.04936	.02500	-.02040	-.11600	.62600	.04151
.260	6.060	.70260	.14370	.04790	.71530	-.05197	.02640	-.02570	-.14900	.62700	.04176
.260	8.070	.71470	.14110	.04410	.72620	-.05572	.02980	-.03200	-.18700	.63100	.04530
.260	10.090	.72180	.13890	.03400	.73250	-.06187	.03150	-.03670	-.22300	.63500	.04724
GRADIENT		.00004	.00004	.00001	.00006	.00002	.00130	-.00270	-.01806	.00005	-.00002

OM628 B26C9 M7F8 W16E28W85X9

(02Z187) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .5405 SCALE

ALPHA = 20.000 BDFLAP = -12.000
 ELEWON = .000 ATLRON = .000
 RUDDER = -16.220 SPDBRK = 40.000

PARAMETRIC DATA

RUN NO. 187/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	MCP/L	CAB
.260	-10.110	1.00950	.30360	-.00430	1.05130	-.07824	-.01050	.02340	.16500	.65300	.05313
.260	-8.090	.99860	.30590	.00990	1.04190	-.07228	-.00280	.01640	.12000	.64800	.05171
.260	-6.060	.99610	.30890	.02070	1.04060	-.06859	.00240	.01030	.08100	.64400	.05112
.260	-4.030	.99630	.31250	.02410	1.04210	-.06532	.00760	.00310	.04400	.64300	.04924
.260	-2.040	1.00350	.31690	.02240	1.03040	-.06404	.01000	-.00460	.00300	.64400	.05016
.260	-.030	1.00070	.31600	.02540	1.04750	-.06396	.01810	-.00990	-.03200	.64300	.05091
.260	2.010	.99330	.31140	.02970	1.03690	-.06549	.02350	-.01490	-.08100	.64100	.04930
.260	4.010	.99350	.30490	.03000	1.03690	-.07173	.02950	-.01850	-.12700	.64100	.04776
.260	6.070	1.00230	.30450	.02440	1.04480	-.07529	.03300	-.02390	-.16500	.64300	.04830
.260	8.070	1.01600	.30220	.01610	1.04750	-.07872	.03560	-.02940	-.21000	.64500	.05126
.260	10.090	1.01450	.30780	.00500	1.05610	-.07801	.04020	-.03380	-.24300	.65100	.05375
GRADIENT		.00008	-.00013	.00005	-.00019	-.00001	.00120	-.00265	-.02115	-.00005	-.00016

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TABULATED SOURCE DATA - 0A628

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0A628 B26C9 M7F8 W18E28W0539

(02100) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. WREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9339 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFAP = -12.000
ELEVON = .000 ALLCON = .000
RUDDER = -7.960 SPOBRK = 85.000

RUN NO. 100/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

WACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.260	-4.260	-3.1105	.08470	.10720	-3.1650	.08138	.07660	-.00170	-.01300	.77600	.06008
.260	-2.150	-2.1415	.07730	.10750	-2.1680	.06926	.04630	-.00150	-.01300	.83400	.05843
.260	-1.110	-1.6860	.07290	.10840	-1.7000	.05952	.05610	-.00140	-.01300	.84600	.05990
.260	.000	-1.1920	.07140	.10770	-1.1980	.07143	.05590	-.00110	-.01300	.98300	.05711
.260	.970	-.07300	.07010	.10860	-.07180	.07174	.05580	-.00100	-.01400	1.20800	.05772
.260	2.030	-.02440	.06360	.10780	-.02190	.07151	.05560	-.00090	-.01300	2.46000	.05818
.260	4.110	.06930	.07310	.10680	.07420	.06435	.05510	-.00060	-.01200	.11300	.05538
.260	6.210	.16910	.07460	.10600	.17620	.05505	.05480	-.00120	-.01200	.42600	.05378
.260	8.290	.26700	.06330	.10700	.27620	.04400	.05440	-.00010	-.01200	.50300	.05136
.260	10.410	.37060	.09720	.10600	.38210	.02460	.05400	-.00120	-.01200	.54300	.05079
.260	12.520	.47490	.11830	.10730	.48310	.01248	.05390	.07030	-.01100	.57100	.05072
.260	14.650	.59380	.14710	.10300	.61170	-.00785	.05430	-.00040	-.01200	.59700	.05382
.260	16.760	.71960	.19200	.09400	.74390	-.02839	.05420	-.00100	-.01100	.60500	.05496
.260	18.860	.84030	.24020	.08490	.87290	-.04142	.05370	.00050	-.01200	.61600	.05669
.260	21.040	.96460	.31840	.07240	1.01470	-.04960	.05060	.00270	-.02400	.62500	.05748
.260	23.130	1.06790	.40280	.06310	1.16470	-.04813	.05410	-.00150	-.00900	.63100	.06571
.260	25.250	1.16270	.47880	.05220	1.32410	-.05210	.05780	-.00020	-.02000	.63300	.07930
.260	27.350	1.24160	.55680	.05430	1.53550	-.057426	.05750	.00760	-.03000	.63400	.07644
.260	29.340	1.30970	.59780	.11030	1.82600	-.05764	.05310	.00030	-.00600	.62100	.07880
.260	31.210	1.00090	.56410	.17350	1.14840	-.03827	.05160	-.01670	.00200	.59600	.08009
GRADIENT	.04545	-.00175	.00015	.00015	.04669	.00043	-.00018	.00014	.06007	.02118	-.00058

DATE: 02 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B26C9 M7F8 W16E28W85X9

(RD2189) (07 JUN 74)

REFERENCE DATA

SEEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LEF = 19.2299 INCHES YMRP = .0000 INCHES
 BREP = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0475 SCALE

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -7.960 SPD8RK = 85.000

PARAMETRIC DATA

RUN NO. 189/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.14130	.05690	.09110	.14580	.04402	-.01370	.01490	.18020	.42200	.05777
.260	-8.080	.13440	.06310	.09730	.13950	.05077	-.00990	.01130	.13920	.39500	.05556
.260	-6.070	.12790	.06720	.10380	.13340	.05545	-.00400	.00750	.09990	.36500	.05572
.260	-4.060	.12310	.06980	.10750	.12890	.05851	.00330	.00410	.09900	.34500	.05480
.260	-2.050	.12090	.07390	.10960	.12700	.06274	.00320	.00140	.02300	.33400	.05209
.260	.000	.11930	.07730	.10890	.12540	.06233	.00580	-.00040	-.01100	.33200	.05350
.260	2.040	.12440	.06900	.10270	.12010	.05758	.00740	-.00270	-.04800	.36100	.05719
.260	4.020	.12590	.06640	.09930	.11140	.05489	.01090	-.00550	-.08500	.37400	.05902
.260	6.060	.12900	.06370	.09810	.10420	.05191	.01560	-.00820	-.12200	.38300	.06280
.260	8.090	.13180	.05980	.09380	.10070	.04752	.01800	-.01160	-.16100	.40300	.06557
.260	10.110	.14130	.05540	.08940	.10570	.04250	.02150	-.01470	-.19900	.42800	.06846
GRADIENT	.00045	-.00050	-.00050	-.00116	.00040	-.00062	.00126	-.00116	-.01781	.00121	.00067

REFERENCE DATA

SEEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LEF = 19.2299 INCHES YMRP = .0000 INCHES
 BREP = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0475 SCALE

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -7.960 SPD8RK = 85.000

PARAMETRIC DATA

04628 B26C9 M7F8 W16E28W85X9

(RD2190) (07 JUN 74)

RUN NO. 190/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.14130	.05690	.09110	.14580	.04402	-.01370	.01490	.18020	.42200	.05777
.260	-8.080	.13440	.06310	.09730	.13950	.05077	-.00990	.01130	.13920	.39500	.05556
.260	-6.070	.12790	.06720	.10380	.13340	.05545	-.00400	.00750	.09990	.36500	.05572
.260	-4.060	.12310	.06980	.10750	.12890	.05851	.00330	.00410	.09900	.34500	.05480
.260	-2.050	.12090	.07390	.10960	.12700	.06274	.00320	.00140	.02300	.33400	.05209
.260	.000	.11930	.07730	.10890	.12540	.06233	.00580	-.00040	-.01100	.33200	.05350
.260	2.040	.12440	.06900	.10270	.12010	.05758	.00740	-.00270	-.04800	.36100	.05719
.260	4.020	.12590	.06640	.09930	.11140	.05489	.01090	-.00550	-.08500	.37400	.05902
.260	6.060	.12900	.06370	.09810	.10420	.05191	.01560	-.00820	-.12200	.38300	.06280
.260	8.090	.13180	.05980	.09380	.10070	.04752	.01800	-.01160	-.16100	.40300	.06557
.260	10.110	.14130	.05540	.08940	.10570	.04250	.02150	-.01470	-.19900	.42800	.06846
GRADIENT	.00045	-.00050	-.00050	-.00116	.00040	-.00062	.00126	-.00116	-.01781	.00121	.00067

DATE 02 JUL 74 TABULATED SOURCE DATA - 04628

IRZ191: (07 JUN 74)

04628 B26C9 W7F8 W16E28V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 ALLRON = .000
RUDDER = -7.960 SPDBRK = 85.000

PARAMETRIC DATA

RUN NO. 191/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.39650	.08690	.08840	.40570	.01371	-.01270	.02280	.17400	.57100	.055614
.260	-8.090	.38770	.09220	.09710	.39800	.02051	-.00250	.01800	.13500	.56200	.055414
.260	-6.060	.37940	.09640	.10500	.39060	.02516	-.00420	.01300	.09700	.55300	.055248
.260	-4.020	.37530	.09770	.10940	.38680	.02215	-.00030	.00850	.05800	.54800	.055121
.260	-2.030	.37590	.09750	.10850	.38730	.02778	.00230	.00390	.02300	.54900	.055076
.260	-.010	.37420	.09750	.10730	.38570	.02812	.00390	.00010	-.00900	.54900	.055123
.260	2.000	.37630	.09560	.10350	.38740	.02615	.00620	-.00390	-.04400	.55300	.055368
.260	4.030	.38070	.09250	.09820	.39120	.02205	.00930	-.00850	-.08100	.55900	.055539
.260	6.070	.38290	.09020	.09470	.39290	.01946	.01200	-.01270	-.11700	.56300	.055857
.260	8.080	.39320	.08580	.08790	.40230	.01321	.01620	-.01760	-.15700	.57100	.056076
.260	10.090	.39910	.08270	.08210	.40750	.00912	.01970	-.02240	-.19500	.57700	.056115
GRADIENT		.00056	-.00060	-.00136	.00044	-.00069	.00115	-.00208	-.01714	.00129	.000056

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 ALLRON = .000
RUDDER = -7.960 SPDBRK = 85.000

PARAMETRIC DATA

RUN NO. 192/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.67700	.16360	.07750	.69600	-.02581	-.01130	.02700	.16900	.61100	.055369
.260	-8.080	.67020	.16820	.08900	.69080	-.01943	-.00760	.02110	.13200	.60400	.055271
.260	-6.060	.65450	.17020	.10120	.67610	-.01319	-.00350	.01490	.09400	.59700	.055113
.260	-4.030	.65520	.16840	.10240	.67630	-.01522	-.00020	.00900	.05800	.59600	.055179
.260	-2.020	.65390	.16830	.10210	.67510	-.01493	.00230	.00380	.02300	.59600	.055108
.260	-.020	.65560	.16810	.09860	.67660	-.01561	.00450	-.00050	-.01200	.59800	.055393
.260	2.000	.65730	.16790	.09850	.67820	-.01621	.00630	-.00500	-.04700	.59800	.055506
.260	4.030	.65860	.16530	.09430	.67800	-.01910	.00790	-.01020	-.07900	.60100	.055571
.260	6.050	.65900	.16420	.09190	.67890	-.02021	.00970	-.01520	-.11200	.60200	.055629
.260	8.080	.67160	.16230	.08340	.69040	-.02556	.01380	-.02190	-.15000	.60700	.055732
.260	10.090	.68080	.15840	.07040	.69830	-.03183	.01900	-.02840	-.19300	.61500	.055505
GRADIENT		.00051	-.00033	-.00098	.00040	-.00045	.00100	-.00234	-.01708	.00060	.000059

DATE 02 JUL 74 TABULATED SOURCE DATA - QM62B

QM62B B26C9 M7F8 W16E28W85X9

(R02193) (07 JUN 74)

PARAMETRIC DATA

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2293 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0403 SCALE

ALPHA = 20.000
 ELEVON = .000
 RUDDER = -7.960

BDFLAP = -12.000
 AILRON = .000
 SPDBRK = 85.000

RUN NO. 193/5 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.110	.95500	.32190	.07490	1.00700	-.04084	-.02180	.03170	.18600	.63300	.06244
.260	-8.690	.94750	.32930	.06130	1.00280	-.03074	-.01510	.02150	.14400	.62900	.05871
.260	-6.070	.93710	.32900	.07810	.99280	-.02791	-.00990	.01710	.10400	.62300	.05880
.260	-4.030	.94270	.33300	.07810	.99940	-.02624	-.00370	.01030	.06900	.62300	.05738
.260	-2.050	.94990	.33190	.07420	1.00570	-.02996	-.00120	.00463	.03200	.62400	.06004
.260	-1.030	.95370	.33060	.07100	1.00980	-.03247	.00330	.00030	.01000	.62600	.05800
.260	1.990	.95370	.32700	.07310	1.00760	-.03594	.00730	-.00350	-.05110	.62500	.06378
.260	4.030	.94330	.32210	.07500	1.00080	-.03850	.01120	-.00730	-.04600	.62400	.06156
.260	6.070	.95020	.32030	.07320	1.00330	-.04109	.01410	-.01210	-.12300	.62500	.06289
.260	8.070	.97030	.32500	.05970	1.02230	-.04383	.01930	-.01910	-.16400	.63100	.05387
.260	10.090	.98190	.32540	.04570	1.03370	-.04674	.02770	-.02810	-.20300	.63500	.06199
GRADIENT		.00074	-.00133	-.00035	.00023	-.00151	.00200	-.00215	-.01934	.00015	.00050

04628 826C9 W7F8 W16E28W8510

(R02194) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.9974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.220 SPOBRK = 85.000

PARAMETRIC DATA

RUN NO. 194/ 5 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-4.220	-.30840	.08740	.10890	-.31400	.06445	.01250	-.00480	-.02800	.77900	.05790
.260	-2.140	-.21570	.07830	.10890	-.21840	.07025	.01190	-.00440	-.02600	.83500	.05823
.260	-1.110	-.16740	.07680	.10810	-.16880	.07358	.01170	-.00430	-.02600	.88700	.05594
.260	-.070	-.12060	.07290	.10790	-.12070	.07280	.01170	-.00400	-.02700	.98000	.05666
.260	.990	-.07030	.07280	.10780	-.06900	.07409	.01140	-.00370	-.02600	1.22500	.05457
.260	2.020	-.02620	.07100	.10820	-.02370	.07191	.01120	-.00360	-.02600	2.33000	.05530
.260	4.110	.07070	.07140	.10830	.07580	.06614	.01060	-.00310	-.02500	.12400	.05414
.260	6.220	.16900	.07620	.10720	.17630	.05745	.01000	-.00270	-.02400	.42800	.05162
.260	8.310	.26790	.08420	.10580	.27720	.04459	.00950	-.00250	-.02300	.51100	.05013
.260	10.440	.37370	.09810	.10640	.38510	.02880	.00860	-.00220	-.02200	.55000	.05024
.260	12.540	.47860	.11880	.10560	.49290	.01201	.00840	-.00150	-.02200	.57300	.05030
.260	14.620	.59470	.14740	.10170	.61260	-.00754	.00670	-.00190	-.02300	.59100	.05314
.260	16.790	.72010	.19160	.09120	.74481	-.02460	.00630	-.00250	-.02000	.60700	.05271
.260	18.890	.84460	.24190	.08330	.87740	-.04462	.00820	-.00070	-.02100	.61700	.05553
.260	21.020	.95950	.31390	.07430	1.00820	-.06121	.01460	.00130	-.03500	.62500	.05961
.260	23.130	1.06820	.40080	.06510	1.13060	-.08712	.00730	-.00100	-.01900	.63100	.05350
.260	25.260	1.15560	.47630	.06330	1.24960	-.05984	.00390	.00320	-.03000	.63300	.07015
.260	27.360	1.22720	.55770	.06380	1.35520	-.07328	.01010	.00890	-.03700	.63400	.07464
.260	29.360	1.19510	.59080	.10540	1.33130	-.07120	.00880	.00070	-.02400	.62300	.07717
.260	31.210	1.00730	.56560	.17240	1.15460	-.03835	.01270	.01350	-.01100	.59700	.07859
GRADIENT	.04555		-.00189	-.00009	.04631	.00024	-.00021	.00021	.00027	.01607	-.00051

DATE 02 JUL 74

TABULATED SOURCE DATA - OA62B

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OA62B B26C9 MTF8 W16E28V8R5X9

(RDZ195) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1375 INCHES
 SCALE = .0405 SCALE

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -16.220 SPDBRK = 85.000

PARAMETRIC DATA

RUN NO. 195/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	-.0963	.04970	.08310	-.09640	.04962	-.00530	.00340	.16300	.96900	.05728
.260	-8.090	-.10720	.05940	.09500	-.10730	.05930	-.00030	.00140	.12300	.97700	.05649
.260	-6.070	-.11430	.06750	.10320	-.11440	.06739	.00390	-.00070	.08300	.98400	.05488
.260	-4.040	-.11960	.07270	.10950	-.11970	.07257	.00780	-.00270	.04400	.98800	.05507
.260	-2.030	-.12030	.07530	.11040	-.12040	.07518	.00960	-.00330	.01000	.98900	.05451
.260	-.020	-.11870	.07430	.10810	-.11880	.07420	.01170	-.00490	-.02500	.98700	.05500
.260	2.000	-.11790	.07150	.10540	-.11790	.07144	.01410	-.00520	-.06100	.98100	.05851
.260	4.030	-.11700	.07050	.10380	-.11710	.07036	.01580	-.00600	-.09600	.97800	.05917
.260	6.060	-.11370	.06510	.10020	-.11380	.06498	.01860	-.00720	-.13200	.97500	.06193
.260	8.060	-.10760	.06130	.09670	-.10760	.06123	.02160	-.00840	-.17000	.98200	.06175
.260	10.100	-.09960	.05640	.09250	-.09970	.05632	.02450	-.00960	-.20700	.99300	.06124
GRADIENT	.00038	-.00041	-.00081	-.00038	.00038	-.00041	.00102	-.00042	-.01740	-.00139	.00061

OA62B B26C9 MTF8 W16E28V8R5X9

(RDZ196) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1375 INCHES
 SCALE = .0405 SCALE

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -16.220 SPDBRK = 85.000

PARAMETRIC DATA

RUN NO. 196/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	.14630	.05280	.08320	.15050	.03932	-.00690	.01170	.16300	.44300	.05739
.260	-8.080	.13630	.06120	.09510	.14130	.04868	-.00180	.00790	.12400	.40400	.05603
.260	-6.060	.12940	.06680	.10270	.13490	.05483	.00250	.00450	.08500	.37200	.05555
.260	-4.030	.12380	.07180	.10850	.12980	.06031	.00630	.00120	.04500	.34400	.05349
.260	-2.020	.12240	.07530	.10990	.12870	.06394	.00840	-.00070	.01000	.33700	.05170
.260	-.020	.12120	.07430	.10770	.12740	.06312	.01030	-.00290	-.02300	.34100	.05237
.260	2.000	.12310	.07110	.10170	.12990	.05975	.01300	-.00550	-.06000	.36200	.05444
.260	4.030	.12830	.06650	.09890	.13380	.05467	.01550	-.00780	-.09600	.38000	.05844
.260	6.070	.13010	.06520	.09760	.13550	.05321	.01740	-.01020	-.13100	.38700	.05958
.260	8.050	.13680	.06120	.09500	.14180	.04883	.02100	-.01340	-.16900	.40500	.06042
.260	10.100	.14310	.05700	.09030	.14770	.04388	.02430	-.01630	-.20600	.42700	.06051
GRADIENT	.00048	-.00074	-.00081	-.00136	.00041	-.00077	.00114	-.00113	-.01748	.00482	.00063

OM628 B26C9 MTF8 M16E28V8R5X9

(RDZ197) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.220 SPDBRK = 85.000

PARAMETRIC DATA

RUN NO. 197/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.39510	.08510	.08463	.40400	.01227	-.00660	.01990	.16000	.57500	.05488
.260	-8.080	.38720	.09040	.09460	.39710	.01868	-.00240	.01510	.12200	.56400	.05405
.260	-6.050	.37780	.09480	.10300	.38880	.02471	.00130	.01040	.08400	.55400	.05250
.260	-4.010	.37300	.09720	.10820	.38450	.02819	.00320	.00590	.04500	.54800	.05078
.260	-2.010	.37440	.09900	.10780	.38610	.02970	.00670	.00190	.01300	.54900	.05000
.260	-.010	.37220	.09770	.10550	.38380	.02860	.00840	-.00180	-.02000	.55000	.05022
.260	2.000	.37600	.09560	.10240	.38710	.02612	.01060	-.00590	-.05500	.55400	.05295
.260	4.030	.38080	.09310	.09680	.39110	.02140	.01360	-.01040	-.09200	.56100	.05429
.260	6.050	.38760	.08870	.09330	.39720	.01719	.01620	-.01480	-.12800	.56500	.05759
.260	8.080	.39140	.08660	.08700	.40060	.01435	.01990	-.01970	-.16600	.57200	.05665
.260	10.090	.39670	.08450	.08290	.40550	.01138	.02260	-.02400	-.20200	.57600	.05746
GRADIENT	.00086	-.00072	-.00041	-.00141	.00071	-.00086	.00103	-.00201	-.01702	.00155	.00650

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.220 SPDBRK = 85.000

PARAMETRIC DATA

RUN NO. 198/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.67830	.16270	.07510	.69700	-.02702	-.00670	.02460	.15800	.61200	.05389
.260	-8.080	.66960	.16640	.08460	.68960	-.02117	-.00260	.01870	.11900	.61600	.05222
.260	-6.050	.65860	.16890	.09690	.67970	-.01564	.00150	.01270	.08300	.59900	.05032
.260	-4.030	.65340	.16850	.09870	.67660	-.01523	.00320	.00670	.04700	.59800	.05081
.260	-2.030	.65840	.16830	.09980	.67940	-.01524	.00690	.00190	.01300	.59800	.05336
.260	-.010	.65980	.16960	.09660	.68110	-.01536	.00860	-.00250	-.02000	.59900	.05239
.260	2.000	.65870	.16740	.09740	.67940	-.01724	.00980	-.00550	-.05400	.59900	.05349
.260	4.030	.65960	.16370	.09270	.67930	-.02098	.01140	-.01140	-.08800	.61100	.05406
.260	6.050	.66470	.16340	.09050	.68410	-.02271	.01270	-.01710	-.12000	.60300	.05485
.260	8.080	.67480	.16100	.07960	.69320	-.02785	.01740	-.02440	-.16000	.60900	.05439
.260	10.100	.68790	.15800	.06650	.70500	-.03423	.02120	-.03040	-.19700	.61700	.05568
GRADIENT	.00043	-.00052	-.00074	-.00074	.00027	-.00062	.00076	-.00221	-.01672	.00035	.00033

OM628 826C9 M7F8 W116E28V0R5Y9

(RDZ199) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.220 SPDBRK = 85.000

RUN NO. 199/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	.97050	.32440	.04280	1.02230	-.04538	-.01660	.02720	.17600	.63600	.06401
.260	-8.080	.95480	.32810	.06520	1.00900	-.03633	-.01060	.02090	.13400	.63000	.06086
.260	-6.050	.94200	.32980	.07340	.99770	-.03013	-.00620	.01410	.09700	.62500	.05582
.260	-4.030	.94710	.32880	.07470	1.00200	-.03288	-.00120	.00790	.05900	.62400	.05824
.260	-2.020	.95380	.33350	.07330	1.00990	-.03107	.00180	.00310	.02200	.62500	.05818
.260	-.010	.95690	.33210	.06980	1.01230	-.03412	.00590	-.00140	-.01500	.62600	.06094
.260	2.000	.95600	.32720	.07040	1.00980	-.03761	.00920	-.00500	-.05500	.62600	.06133
.260	4.020	.95210	.32300	.07230	1.00460	-.04014	.01150	-.00840	-.09000	.62500	.05883
.260	6.070	.96220	.32400	.06880	1.01440	-.04298	.01470	-.01290	-.12600	.62700	.05975
.260	8.060	.97840	.32520	.05810	1.02990	-.04774	.02010	-.02040	-.16900	.63200	.06159
.260	10.110	.98870	.32730	.04150	1.04030	-.04757	.02820	-.02800	-.21800	.63700	.06053
GRADIENT		.00061	-.00089	-.00038	.00025	-.00105	.00163	-.00202	-.01864	.00015	.00041

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

(RDZ200) (07 JUN 74)

04628 026C9 W7F8 W16E20W85

PARAMETRIC DATA

BETA = .005
ELEVON = .000
RUDDER = .000

SREF = 4.4119 SQ.FT.
LREF = 19.2299 INCHES
BREF = 37.9359 INCHES
SCALE = .0405 SCALE

RUN NO. 200/ 0 RNL = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

REFERENCE DATA

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	C1	XCP/L	CAB
.260	-4.220	-2.6670	.04280	.05150	-.26910	.02308	-.00160	.00220	.00600	.72200	.03652
.260	-2.130	-1.7080	.03600	.05070	-.17200	.02360	-.00170	.00220	.00500	.76000	.03534
.260	-1.060	-1.2040	.03220	.05020	-.12100	.03005	-.00170	.00210	.00500	.80600	.03678
.260	-.030	-.07210	.03200	.05090	-.07210	.03201	-.00160	.00230	.00400	.91100	.03516
.260	1.020	-.02230	.03010	.05110	-.02200	.03058	-.00160	.00250	.00400	1.50700	.03609
.260	2.030	.02490	.03040	.05150	.02590	.02358	-.00160	.00250	.00400	-.07800	.03523
.260	4.140	.12370	.03210	.05190	.12570	.02310	-.00150	.00250	.00200	.50100	.03575
.260	6.220	.22320	.03810	.05030	.22600	.01367	-.00150	.00240	.00200	.57000	.03479
.260	8.340	.32550	.04810	.04890	.32900	.00045	-.00150	.00250	.00200	.59700	.03443
.260	10.430	.42980	.05390	.04750	.43400	-.01429	-.00150	.00220	.00100	.61100	.03447
.260	12.540	.53770	.05670	.04700	.54370	-.03208	-.00120	.00230	.00000	.62000	.03577
.260	14.670	.65560	.11840	.04370	.66430	-.05144	-.00070	.00160	-.00200	.62700	.03827
.260	16.760	.77410	.16220	.03380	.78000	-.06795	-.00040	.00100	-.00300	.63600	.03875
.260	18.900	.90220	.21690	.02470	.92380	-.08706	-.00050	.00260	-.00300	.64200	.04139
.260	21.010	1.01950	.29510	.01320	1.05750	-.09018	.00760	.00510	-.01900	.64700	.04564
.260	23.160	1.13600	.39050	-.00010	1.19200	-.08777	.00000	.00030	-.00200	.65200	.05011
.260	25.260	1.22090	.46470	.00280	1.30250	-.10086	.00030	.00060	-.00200	.65100	.05576
.260	27.370	1.28440	.53790	.01080	1.38790	-.11293	.00040	.00020	-.00300	.64900	.06193
.260	29.370	1.25030	.57710	.05020	1.37270	-.11040	-.00130	.00880	-.01100	.63800	.06902
.260	31.220	1.04370	.54230	.11980	1.17360	-.07730	.00070	-.00120	.00000	.61400	.07684
GRADIENT		.04678	-.00128	.00004	.04731	.00001	.00002	.00005	-.00043	-.04116	-.00009

DATE 02 JUL 74 TABULATED SOURCE DATA - 04628

(002001) (07 JUN 74)

04628 B26C9 M7F8 W116E28W85

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 ALLEON = .000
RUDDER = .000 SPDBER = 25.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 201 / 0 RN/L = 1.18 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.160	-4.160	-26230	.04490	.04970	-26490	.02582	-.00160	.00200	.00500	.72100	.03342
.160	-2.080	-16380	.03630	.04890	-16500	.03009	-.00160	.00200	.00500	.76100	.03509
.160	-1.060	-11970	.03430	.04900	-12030	.03216	-.00170	.00210	.00500	.80200	.03409
.160	-.060	-.07450	.03130	.04980	-.07450	.03122	-.00160	.00230	.00400	.89800	.03576
.160	.970	-.02740	.03180	.05080	-.02690	.03205	-.00160	.00240	.00300	1.34600	.03396
.160	2.000	.01920	.03070	.05070	.02230	.03024	-.00160	.00240	.00400	-.26400	.03475
.160	4.040	.11580	.03420	.05090	.11790	.02599	-.00150	.00240	.00300	.49300	.03312
.160	6.100	.21040	.03890	.05110	.21330	.01631	-.00140	.00230	.00200	.56500	.03351
.160	8.160	.31050	.04890	.04980	.31430	.00434	-.00140	.00210	.00300	.59400	.03300
.160	10.220	.41330	.06330	.04790	.41800	-.01101	-.00130	.00190	.00300	.60900	.03453
.160	12.300	.51520	.08590	.04820	.52160	-.02584	-.00140	.00150	.00100	.62800	.03668
.160	14.360	.62500	.11540	.04500	.63410	-.04328	-.00090	.00020	.00100	.63300	.03641
.160	16.420	.73700	.15500	.03880	.75100	-.07889	-.00070	.00040	.00200	.64000	.03927
.160	18.490	.86000	.20510	.02850	.88070	-.07829	-.00060	.00030	.00100	.64600	.04350
.160	20.560	.97490	.27560	.01640	1.00360	-.08440	.00030	.00140	-.01100	.65000	.04855
.160	22.640	1.07390	.36450	.00630	1.13150	-.07656	-.00050	.00180	-.00200	.64900	.05361
.160	24.730	1.15320	.43690	.00800	1.23980	-.09078	.00090	.00140	-.00200	.64800	.05688
.160	26.760	1.22620	.50440	.01400	1.32200	-.10178	.00180	.00140	-.00400	.64800	.06494
.160	28.790	1.24960	.56090	.03590	1.35530	-.11028	-.00090	.00130	.00100	.64200	.07473
.160	30.730	1.12490	.56380	.03490	1.25510	-.09020	-.00190	.00230	-.02900	.62400	.07473
GRADIENT		.04585	-.00131	.00024	.04641	.00001	.00001	.00006	-.00028	-.05634	-.00005

04628 826C9 W7 W16E28W85X9

REFERENCE DATA

SPEF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES

LREF = 19.2299 INCHES YMRP = .0000 INCHES

BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES

SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 ELEVON = .0000

AILRON = .0000 RUDDER = .0000

SPOBRK = 25.0000

RUN NO. 202/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00											
MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.130	-24650	.04090	.04170	-24880	.02310	-0.00090	.00230	.00400	.71300	.03607
.200	-2.020	-13510	.03310	.04100	-13620	.02760	-0.00090	.00230	.00300	.74800	.03639
.200	-1.040	-10620	.03150	.04110	-10660	.02955	-0.00030	.00230	.00300	.79400	.03684
.200	.010	-06010	.02920	.04110	-06010	.02929	-0.00030	.00240	.00200	.90300	.03711
.200	1.020	-01340	.02920	.04110	-01290	.02948	-0.00090	.00230	.00200	1.81900	.03621
.200	2.110	.03640	.02890	.04090	.03740	.02757	-0.00090	.00240	.00200	.24900	.03664
.200	4.110	.12750	.03220	.04060	.12940	.02311	-0.00030	.00230	.00200	.53600	.03459
.200	6.200	.22340	.03690	.03930	.22610	.01261	-0.00030	.00230	.00100	.58800	.03512
.200	8.270	.32240	.04640	.03810	.32570	-0.00030	-0.00030	.00230	.00100	.50900	.03520
.200	10.340	.41930	.06200	.03790	.42360	-0.01429	-0.00030	.00220	.00100	.61900	.03492
.200	12.440	.52060	.08330	.03900	.52630	-0.03079	-0.00030	.00250	.00010	.62400	.03714
.200	14.500	.62920	.11390	.03560	.63770	-0.04728	-0.00030	.00180	.00000	.63100	.03915
.200	16.580	.74440	.15460	.02990	.75760	-0.06427	-0.00030	.00100	-0.00100	.63710	.04097
.200	18.680	.85960	.20400	.02500	.87970	-0.08216	-0.00030	.00230	-0.00100	.64100	.04297
.200	20.780	.96970	.26020	.02180	.99460	-0.09912	-0.00030	.00320	-0.00300	.64400	.04590
.200	22.860	1.06870	.34610	.01820	1.11920	-0.09630	-0.00030	.00580	-0.02000	.64700	.05015
.200	24.940	1.14120	.42810	.01450	1.21530	-0.09311	-0.00030	.00340	-0.00700	.64700	.05712
.200	27.020	1.21230	.49940	.01800	1.30690	-0.10594	-0.00030	.00140	-0.00600	.64700	.06151
.200	29.060	1.23350	.55390	.03770	1.34720	-0.11495	-0.00030	.00270	-0.00400	.64100	.05868
.200	31.000	1.09440	.54870	.10120	1.22170	-0.09345	-0.00030	.00140	-0.02700	.62100	.05079
GRADIENT		.04556	-0.00105	-0.00011	.04617	-0.00000	-0.00000	.00030	-0.00025	-0.01655	-0.00014

0462B B26C9 W7 W16E28V8R5X9

(R0Z203) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .0000 ELEVON = .0000
AILRON = .0000 RUDDER = .0000
SPDBRK = 25.0000

RUN NO. 203/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CE-	CY	XCP/L	CAB
.200	-10.080	-.03970	.02760	.01700	-.03970	.01700	-.01720	.01180	.18600	.90800	.03912
.200	-8.080	-.04470	.03160	.02130	-.04470	.02134	-.01390	.01010	.14900	.91200	.03775
.200	-6.060	-.05280	.03510	.02500	-.05280	.02503	-.01010	.00800	.11200	.89600	.03703
.200	-4.020	-.05610	.03810	.02860	-.05610	.02866	-.00680	.00580	.07500	.90200	.03558
.200	-2.030	-.06010	.04010	.02950	-.06010	.02953	-.00360	.00390	.03900	.89700	.03645
.200	-.030	-.06070	.04080	.03040	-.06070	.03043	-.00110	.00230	.00400	.89900	.03385
.200	2.000	-.06020	.04050	.02920	-.06020	.02924	.00140	.00080	-.03100	.89900	.03769
.200	4.010	-.05850	.03860	.02730	-.05850	.02729	.00440	-.00090	-.06700	.89400	.03867
.200	6.040	-.05530	.03630	.02400	-.05530	.02402	.00810	-.00300	-.10600	.89300	.04026
.200	8.040	-.04950	.03270	.01990	-.04950	.01994	.01190	-.00510	-.14400	.89500	.04180
.200	10.080	-.04310	.02910	.01500	-.04310	.01508	.01570	-.00700	-.18300	.90000	.04285
GRADIENT	-.00024	-.00015	.00007	-.00015	-.00024	-.00015	.00136	-.00082	-.01762	-.00070	.00037

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.0000 ELEVON = .0000
AILRON = .0000 RUDDER = .0000
SPDBRK = 25.0000

RUN NO. 204/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	.19410	.02790	.02190	.19530	.00434	-.01860	.01900	.18700	.59900	.04061
.200	-8.070	.18740	.03160	.02600	.18900	.00900	-.01460	.01550	.14900	.59000	.03880
.200	-6.060	.18310	.03500	.02930	.18500	.01267	-.01080	.01190	.11200	.58200	.03761
.200	-4.000	.18050	.03710	.03260	.18270	.01623	-.00710	.00850	.07500	.57700	.03571
.200	-2.040	.17700	.03920	.03390	.17940	.01785	-.00370	.00520	.03700	.57100	.03538
.200	-.010	.17720	.03460	.03460	.17960	.01852	-.00100	.00230	.00300	.57000	.03485
.200	2.000	.17590	.03360	.03360	.17820	.01761	.00170	-.00030	-.03300	.57000	.03666
.200	3.990	.17670	.03190	.03190	.17890	.01592	.00470	-.00340	-.06900	.57400	.03781
.200	6.040	.17920	.02820	.02820	.18110	.01200	.00840	-.00670	-.10800	.57900	.04051
.200	8.040	.18340	.02610	.02610	.18500	.00950	.01210	-.01030	.14400	.58700	.04026
.200	10.070	.18710	.02340	.02340	.18830	.00458	.01640	-.01400	.18300	.59400	.04159
GRADIENT	-.00043	-.00009	.00008	-.00009	-.00044	-.00004	.00145	-.00146	-.01788	-.00035	.00027

(RDZ205) (07 JUN 74)

0A62B B26C9 M7 W16E28WR5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDRK = 25.000

RUN NO. 205/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.43470	.05340	.02650	.43720	-.02566	-.01870	.02680	.18500	.62900	.04259
.200	-8.070	.43000	.05700	.02940	.43320	-.02121	-.01540	.02200	.14800	.62700	.03948
.200	-6.060	.42750	.05920	.03270	.43120	-.01857	-.01170	.01720	.11100	.62400	.03776
.200	-4.050	.42430	.06190	.03590	.42850	-.01542	-.00760	.01200	.07300	.62100	.03466
.200	-2.030	.42060	.06170	.03760	.42490	-.01447	-.00400	.00690	.03800	.61900	.03570
.200	-.020	.42060	.06210	.03750	.42490	-.01446	-.00100	.00250	.00100	.61900	.03522
.200	1.980	.42190	.06100	.03740	.42600	-.01570	.00170	-.00200	-.03300	.61900	.03689
.200	3.990	.42180	.05940	.03500	.42360	-.01740	.00510	-.00700	-.07000	.62100	.03703
.200	6.030	.42430	.05620	.03230	.42750	-.02098	.00900	-.01220	-.10800	.62400	.04020
.200	8.040	.42810	.05380	.03010	.43080	-.02405	.01250	-.01690	-.14600	.62600	.04273
.200	10.070	.43070	.05160	.02740	.43300	-.02663	.01610	-.02210	-.18200	.62800	.04427
GRADIENT	-.00018		-.00029	-.00010	-.00023	-.00024	.01156	-.00235	-.01786	.00000	.00000

(RDZ206) (07 JUN 74)

0A62B B26C9 M7 W16E28WR5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 ELEVON = .000
AILRON = .000 RUDDER = .000
SPDRK = 25.000

RUN NO. 206/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.70100	.12560	.01510	.70900	-.06688	-.01930	.03120	.18500	.64400	.04393
.200	-8.070	.69780	.12750	.01940	.70650	-.06426	-.01590	.02600	.14900	.64200	.04201
.200	-6.060	.69180	.13050	.02560	.70150	-.05974	-.01050	.01930	.10700	.63800	.03888
.200	-4.050	.68770	.13180	.03020	.69790	-.05739	-.00660	.01280	.07100	.63600	.03882
.200	-2.040	.68650	.13310	.03220	.69710	-.05588	-.00300	.00650	.03400	.63500	.03870
.200	-.010	.68480	.13340	.03300	.69550	-.05511	-.00010	.00100	-.00100	.63400	.03957
.200	1.990	.68350	.13240	.03310	.69390	-.05571	.00270	-.00370	-.03700	.63400	.03964
.200	4.000	.68630	.13390	.03150	.69620	-.05793	.00620	-.00970	-.07500	.63500	.03943
.200	6.030	.68880	.12810	.02800	.69790	-.06120	.00910	-.01620	-.11000	.63700	.03993
.200	8.030	.69360	.12480	.02250	.70170	-.06574	.01380	-.02270	-.14900	.64000	.04284
.200	10.070	.69930	.12220	.01560	.70650	-.06975	.01770	-.02850	-.18900	.64400	.04561
GRADIENT	-.00029		-.00013	.00017	-.00033	-.00005	.01156	-.00276	-.01812	-.00015	.00011

04628 B26C9 W7 W16E28W85X9

(R02207) (07 JUN 74)

REFERENCE DATA

SEEP = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2239 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 13.1875 INCHES
 SCALE = .0405 SCALE

ALPHA =
 AILRON =
 SPDRK =

20.000 ELEVON = .000
 .000 RUDDER = .000
 25.000

PARAMETRIC DATA

RUN NO. 207/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.200	-10.040	.96850	.27540	-.00250	1.00300	-.08580	-.02910	.03210	.03300	.65300	.05184
.200	-8.060	.96920	.28080	.00270	1.00380	-.08110	-.02340	.02480	.16400	.65100	.04864
.200	-6.050	.96760	.28470	.00780	1.00570	-.07699	-.01790	.01790	.12400	.64900	.04592
.200	-4.000	.96130	.28550	.01230	1.00700	-.07400	-.01330	.01160	.08600	.64700	.04435
.200	-2.010	.96630	.28840	.01390	1.01580	-.07315	-.00760	.00650	.04200	.64700	.04672
.200	-.010	.96560	.28820	.01370	1.00510	-.07297	-.00180	.00140	.00100	.64700	.04814
.200	1.990	.96580	.28030	.01560	1.00250	-.08037	.00700	-.00080	-.04600	.64600	.04786
.200	4.020	.96050	.27740	.01650	.99630	-.08115	.01210	-.00680	-.08800	.64600	.04621
.200	6.040	.96150	.27360	.01430	.99610	-.08515	.01600	-.01300	-.12600	.64600	.04799
.200	8.060	.96390	.27660	.00360	.99940	-.08308	.02210	-.01940	-.16900	.65000	.05079
.200	10.080	.96750	.27530	-.00200	1.00230	-.08559	.02730	-.02640	-.21000	.65200	.05374
	GRADIENT	-.00011	-.00121	.00450	-.00032	-.00107	.00326	-.00220	-.02186	-.00015	.00024

(RDZ008) (07 JUN 74)

0462B 026C9 F0 W16E20W0R510

PARAMETRIC DATA

REFERENCE DATA

REF = 4.4119 SQ.FT. WWP = 43.5974 INCHES
REF = 19.2239 INCHES WWP = .0000 INCHES
REF = 37.9359 INCHES WWP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0000 BDFLAP = -12.000
ELEVON = .0000 AILSON = .000
RUDER = .0000 SPDERK = 25.000

RUN NO. 208/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CI	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.150	-22400	.00920	.04410	-22630	.02295	-00090	.00240	.00400	.72400	.01963
.200	-2.070	-13110	.03270	.04410	-13220	.02801	-00090	.00240	.00300	.77500	.02025
.200	-1.020	-08120	.03200	.04400	-08180	.03060	-00080	.00240	.00200	.85000	.01929
.200	-0.010	-03740	.03010	.04410	-03740	.03111	-00090	.00240	.00300	1.08600	.02013
.200	1.050	.01100	.03100	.04450	.01150	.02379	-00090	.00230	.00300	-0.75700	.01974
.200	2.040	.05680	.03030	.04450	.05730	.02825	-00080	.00240	.00240	.36900	.02125
.200	4.130	.15190	.03330	.04480	.15330	.02226	-00080	.00250	.00100	.54400	.01994
.200	6.180	.24970	.04020	.04190	.25260	.03125	-00120	.00240	.00100	.58800	.02133
.200	8.270	.34700	.05020	.04210	.35360	-0.00024	-00120	.00240	.00100	.60700	.02120
.200	10.360	.44810	.06610	.04160	.45270	.01552	-00130	.00280	.00200	.61800	.02210
.200	12.430	.54910	.08980	.04110	.55530	-0.0144	-00130	.00290	.00200	.62400	.02194
.200	14.510	.66390	.12220	.03780	.67331	-0.04804	-00080	.00200	.00200	.63100	.02322
.200	16.590	.77840	.15340	.03340	.79260	-0.06576	-00140	.00140	.00200	.63800	.02441
.200	18.690	.89690	.21430	.02240	.91820	-0.08432	-00120	.00291	.00200	.64300	.02623
.200	20.800	1.00390	.27520	.01750	1.04180	-0.10130	-00130	.00320	.00200	.64900	.02851
.200	22.860	1.11290	.38080	.01180	1.16420	-0.07756	-00080	.00180	.00100	.65100	.03451
.200	24.960	1.16520	.45000	.06330	1.26450	-0.09215	-00090	.00440	.00600	.65100	.03823
.200	27.050	1.25940	.52480	.04410	1.36130	-0.11558	-00050	.00660	.00800	.65100	.04249
.200	29.150	1.26240	.57590	.02580	1.38950	-0.10982	-00080	.00360	.00600	.64900	.04518
.200	30.970	1.11010	.56960	.03260	1.23900	-0.07823	-00010	.00480	.00600	.62700	.05076
GRADIENT		.04542	-0.00065	.00029	.04594	-0.04701	.00271	.00201	.00030	-0.07281	.00004

QM628 B26C9 F8 W16E28WRS9

(RD2209) (07 JUN 74)

REFERENCE DATA

SEEF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LEFF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0485 SCALE

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 210/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLN	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	-.02010	.03190	-.02010	.01855	-.01750	.01520	.01520	.01520	.01520	.01520	.02255
.200	-8.060	-.02590	.03540	-.02590	.02219	-.01470	.01340	.01340	.01340	.01340	.01340	.02100
.200	-6.060	-.02970	.03850	-.02970	.02493	-.01020	.01060	.01060	.01060	.01060	.01060	.02100
.200	-4.060	-.03520	.04100	-.03520	.02836	-.00690	.00760	.00760	.00760	.00760	.00760	.01934
.200	-2.020	-.03660	.04350	-.03660	.02964	-.00370	.00480	.00480	.00480	.00480	.00480	.01965
.200	-.020	-.03600	.04400	-.03600	.03053	-.00090	.00250	.00250	.00250	.00250	.00250	.01967
.200	1.990	-.03700	.04380	-.03700	.02926	.00170	.00020	.00020	.00020	.00020	.00020	.02062
.200	4.010	-.03470	.04110	-.03470	.02789	.00480	-.00240	-.00240	-.00240	-.00240	-.00240	.02049
.200	6.060	-.03250	.03910	-.03250	.02503	.00680	-.00350	-.00350	-.00350	-.00350	-.00350	.02118
.200	8.050	-.02750	.03530	-.02750	.02102	.01270	-.00850	-.00850	-.00850	-.00850	-.00850	.02202
.200	10.070	-.02130	.03320	-.02130	.01828	.01560	-.01040	-.01040	-.01040	-.01040	-.01040	.02225
GRADIENT	.00003	-.00007	.00002	.00003	-.00007	.00144	-.00123	-.00123	-.00123	-.00123	.00060	.00016

QM628 B26C9 F8 W16E28WRS9

(RD2210) (07 JUN 74)

REFERENCE DATA

SEEF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LEFF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0485 SCALE

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 210/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLN	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.21510	.03310	.21750	.02630	-.01930	.02250	.02250	.02250	.02250	.02250	.02362
.200	-8.060	.21040	.03590	.21220	.02891	-.01570	.01920	.01920	.01920	.01920	.01920	.02221
.200	-6.060	.20750	.03910	.20930	.03250	-.01302	.01470	.01470	.01470	.01470	.01470	.02028
.200	-4.010	.20370	.04180	.20590	.03430	-.00760	.01020	.01020	.01020	.01020	.01020	.01977
.200	-2.020	.20310	.04370	.20560	.03690	-.00380	.00390	.00390	.00390	.00390	.00390	.01931
.200	.000	.20250	.04450	.20500	.03650	.001795	.00250	.00250	.00250	.00250	.00250	.01931
.200	2.000	.20140	.04350	.20380	.03600	.00160	-.00100	-.00100	-.00100	-.00100	-.00100	.02100
.200	4.020	.20280	.04440	.20510	.03440	.00500	-.00310	-.00310	-.00310	-.00310	-.00310	.02062
.200	6.050	.20460	.03960	.20660	.03120	.01271	-.00920	-.00920	-.00920	-.00920	-.00920	.02188
.200	8.050	.20850	.03700	.21030	.02865	.00966	-.01370	-.01370	-.01370	-.01370	-.01370	.02213
.200	10.070	.21370	.03590	.21520	.02580	.00647	-.01710	-.01710	-.01710	-.01710	-.01710	.02327
GRADIENT	.00017	-.00017	-.00006	-.00017	-.00007	.00152	-.00187	-.00187	-.00187	-.00187	.00000	.00016

DATE 02 JUL 74

TABULATED SOURCE DATA - Q4628

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Q4628 L26C9 F8 W16E28VRR5X9

(RDZ211) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 211/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.45670	.06170	.03210	.46030	-.02123	-.02000	.03060	.18200	.62600	.02304
.200	-8.070	.45530	.06320	.03540	.45920	-.01954	-.01610	.02520	.14500	.62300	.02252
.200	-6.030	.45070	.06480	.03810	.45500	-.01706	-.01170	.01970	.10700	.62100	.02100
.200	-4.000	.44890	.06590	.03990	.45340	-.01568	-.00790	.01390	.07100	.61900	.02098
.200	-2.010	.44780	.06740	.04070	.45260	-.01454	-.00380	.00800	.03400	.61900	.02077
.200	.000	.44850	.06650	.04110	.45320	-.01497	-.00100	.00260	.00000	.61800	.02205
.200	2.000	.44740	.06570	.04000	.45190	-.01556	.00180	-.00260	-.03300	.61900	.02196
.200	4.000	.44800	.06590	.03880	.45260	-.01548	.00540	-.00890	-.06800	.62000	.02056
.200	6.050	.45040	.06290	.03690	.45440	-.01883	.00910	-.01450	-.10500	.62200	.02231
.200	8.040	.45150	.06030	.03520	.45500	-.02165	.01330	-.02020	-.14400	.62300	.02435
.200	10.070	.45610	.05780	.03230	.45910	-.02486	.01730	-.02560	-.18200	.62600	.02588
GRADIENT	-.00011	-.00009	-.00009	-.00015	-.00012	-.00006	.00161	-.00281	-.01724	.00010	.00002

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 212/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.72920	.13570	.01640	.73890	-.06474	-.01630	.03420	.17000	.64300	.02687
.200	-8.060	.72870	.13660	.02110	.73860	-.06384	-.01390	.02880	.13700	.64100	.02426
.200	-6.050	.72650	.13960	.02620	.73730	-.06032	-.01040	.02210	.10200	.63900	.02313
.200	-4.010	.72470	.14150	.02950	.73610	-.05795	-.00660	.01480	.06700	.63700	.02323
.200	-2.020	.72330	.14300	.03220	.73520	-.05629	-.00250	.00730	.03100	.63500	.02252
.200	.010	.72160	.14250	.03400	.73250	-.05591	.00010	.00130	-.00200	.63500	.02326
.200	2.000	.72160	.14100	.03260	.73290	-.05769	.00290	-.00460	-.03600	.63500	.02451
.200	4.030	.72350	.14050	.03030	.73470	-.05865	.00650	-.01150	-.07300	.63600	.02390
.200	6.040	.72580	.13750	.02720	.73600	-.06242	.01010	-.01900	-.10900	.63800	.02509
.200	8.040	.72500	.13430	.02320	.73450	-.06504	.01240	-.02540	-.14200	.64000	.02498
.200	10.060	.73150	.13370	.01620	.74060	-.06731	.01400	-.03140	-.17300	.64400	.02808
GRADIENT	-.00020	-.00020	-.00020	.00010	-.00025	-.00014	.00156	-.00321	-.01726	-.00010	.00017

DATE 12 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B26C9 F8 W16E28V8F59

(02213) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBCK = 25.000

RUN NO. 213/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.99530	.30030	-.00960	1.03240	-.07046	-.02850	.02980	.19600	.65500	.03043
.200	-8.040	.99400	.30110	-.00310	1.03620	-.07124	-.02350	.02470	.19800	.65500	.02867
.200	-6.040	1.00110	.30550	.00000	1.04440	-.06983	-.01860	.01880	.12200	.65200	.02857
.200	-4.040	1.00310	.30950	.00180	1.04760	-.06683	-.01280	.01300	.08200	.65100	.02927
.200	-2.010	1.00470	.31240	.00390	1.05020	-.06461	-.00860	.00670	.04200	.65000	.02977
.200	.000	.99980	.31100	.00670	1.04510	-.06420	-.00160	.00180	.00200	.64900	.03096
.200	2.000	1.00120	.30890	.00650	1.04560	-.06675	.00440	-.00150	-.04300	.64900	.03171
.200	4.010	.99910	.30420	.00420	1.04200	-.07027	.01190	-.01610	-.08500	.65000	.03132
.200	6.050	.99810	.29730	.00350	1.03860	-.07635	.01850	-.01280	-.12700	.65000	.03057
.200	8.050	.99690	.29930	-.00310	1.03820	-.07398	.02330	-.01960	-.15500	.65300	.02947
.200	10.090	1.00050	.29730	-.00880	1.04090	-.07722	.02830	-.02650	-.20700	.65500	.03110
GRADIENT	-.00057	-.00070	-.00070	.00027	-.00079	-.00045	.00012	-.00022	-.00077	-.00015	.00020

QM628 B2609 F8 W116E28 Y8

(EDZ214) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2239 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 214/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.150	-2.1750	.02860	.03650	-2.1900	.01278	-.00020	.00190	.00400	.71300	.01538
.200	-2.050	-1.1190	.02330	.03610	-1.12040	.01908	-.00010	.00180	.00100	.76200	.01514
.200	-1.020	-.07340	.02140	.03630	-.07380	.02016	-.00010	.002	.00000	.83300	.01513
.200	.000	-.02600	.02120	.03540	-.02600	.02125	.00000	.00190	.00000	1.11600	.01501
.200	1.010	.02000	.02060	.03680	.02030	.02034	.00000	.00170	.00000	-.00900	.01526
.200	2.050	.06240	.02130	.03690	.06350	.01864	.00000	.00180	-.00100	.45600	.01548
.200	4.100	.15430	.02450	.03740	.16020	.01340	.00010	.00170	-.00100	.56600	.01533
.200	6.190	.25670	.03160	.03690	.23860	.01333	.00010	.00170	-.00100	.59900	.01522
.200	8.270	.35370	.04270	.03620	.35620	-.00256	.00010	.00180	.00000	.61400	.01521
.200	10.350	.45480	.03900	.03650	.45800	-.02379	.00010	.00160	.00000	.62300	.01547
.200	12.420	.55550	.03140	.03600	.55000	-.04007	.00040	.00200	.00100	.62600	.01659
.200	14.510	.66990	.01320	.03250	.67300	-.05719	.00100	.00100	.00000	.63400	.01728
.200	16.600	.78160	.01600	.02920	.79230	-.07456	.00140	.00070	-.00000	.64000	.01840
.200	18.670	.90170	.01590	.01770	.90310	-.09361	.00090	.00240	.00000	.64900	.02171
.200	20.760	1.01450	.02730	.01170	1.04330	-.11000	.00180	.00200	.00000	.64800	.02336
.200	22.840	1.10750	.37420	-.00320	1.14600	-.09305	.00220	.00140	.00000	.65300	.02912
.200	24.950	1.19350	.44260	-.00350	1.16890	-.00280	.00260	.00390	-.00500	.65300	.03430
.200	27.030	1.26070	.51460	-.00130	1.35680	-.11469	.00200	.00550	-.00600	.65200	.03694
.200	29.040	1.24420	.55620	.02470	1.35780	-.11779	.00150	.00310	-.01100	.64900	.04641
.200	30.940	1.09910	.56010	.07430	1.21070	-.08442	.00080	.00220	-.00900	.62900	.05959
GRADIENT		.64571	-.00047	.00013	.04605	.00006	.00003	-.00002	-.00055	-.04588	.00001

(RDZ215) (07 JUN 74)

04628 B26C9 F8 W16E28 X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AIRLON = .000

RUN NO. 215/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	-.01340	.01500	.02780	-.01340	.01507	.02700	-.00780	.06800	1.41600	.02237
.200	-8.050	-.01580	.01720	.03070	-.01580	.01724	.02190	-.00580	.05300	1.36400	.01978
.200	-6.050	-.01720	.01860	.03320	-.01720	.01854	.01640	-.00360	.03900	1.36000	.01800
.200	-4.050	-.02130	.01970	.03470	-.02130	.01975	.01100	-.00190	.02700	1.25100	.01663
.200	-2.050	-.02420	.02030	.03580	-.02420	.02030	.00560	.00000	.01400	1.19500	.01567
.200	-.050	-.02420	.02100	.03650	-.02420	.02101	.00010	.00180	.00100	1.20700	.01525
.200	1.990	-.02330	.02050	.03570	-.02330	.02059	-.00520	.00390	-.01200	1.21500	.01586
.200	4.020	-.02320	.01980	.03480	-.02320	.01985	-.01060	.00580	-.02500	1.20300	.01657
.200	6.030	-.01930	.01830	.03310	-.01930	.01836	-.01600	.00770	-.03800	1.28300	.01833
.200	8.020	-.01540	.01600	.03120	-.01540	.01603	-.02130	.00960	-.05200	1.39700	.02077
.200	10.070	-.01090	.01400	.02860	-.01090	.01408	-.02680	.01160	-.06600	1.61700	.02335
GRADIENT	-.00014	.00002	.00002	.00000	-.00014	.00002	-.00269	.00096	-.00649	-.00378	.00000

(RDZ216) (07 JUN 74)

04628 B26C9 F8 W16E28 X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AIRLON = .000

RUN NO. 216/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.22090	.02410	.02830	.22220	.00413	.02610	-.00030	.06800	.60500	.02365
.200	-8.050	.21870	.02560	.03150	.22010	.00580	.02100	.00020	.05200	.59900	.02066
.200	-6.050	.21740	.02660	.03410	.21900	.00693	.01590	.00050	.03900	.59400	.01803
.200	-4.050	.21480	.02740	.03540	.21640	.00797	.01070	.00100	.02600	.59100	.01651
.200	-2.050	.21210	.02790	.03690	.21380	.00870	.00540	.00140	.01200	.58800	.01539
.200	-.050	.21020	.02820	.03730	.21190	.00917	.00010	.00170	.00000	.58700	.01528
.200	1.980	.21130	.02790	.03670	.21300	.00882	-.00490	.00230	-.01400	.58600	.01593
.200	4.000	.21260	.02700	.03570	.21420	.00773	-.01020	.00240	-.02700	.59000	.01668
.200	6.030	.21550	.02580	.03430	.21690	.00636	-.01540	.00280	-.04100	.59300	.01832
.200	8.030	.21730	.02460	.03190	.21870	.00494	-.02080	.00340	-.05500	.59800	.02092
.200	10.050	.21960	.02250	.02870	.22070	.00268	-.02560	.00370	-.06900	.60400	.02449
GRADIENT	-.00026	-.00004	.00002	.00002	-.00026	-.00002	-.00261	.00019	-.00660	-.00010	.00004

Q4628 B26C9 F8 W16E28 X9

(RDZ217) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000

RUN NO. 217/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	.46140	.05730	.02780	.46420	-.02652	.02630	.00830	.06400	.63000	.02708
.200	-8.060	.45910	.05860	.03070	.46220	-.02483	.02090	.00720	.05200	.62700	.02280
.200	-6.050	.45700	.05930	.03350	.46020	-.02379	.01590	.00620	.03800	.62500	.01903
.200	-4.020	.45440	.05910	.03540	.45760	-.02357	.01080	.00490	.02400	.62300	.01679
.200	-2.030	.45500	.05880	.03620	.45810	-.02394	.00560	.00340	.01200	.62300	.01625
.200	-.020	.45530	.05890	.03590	.45850	-.02391	.00420	.00170	.00000	.62300	.01572
.200	1.980	.45500	.05840	.03500	.45810	-.02436	-.00480	.00000	-.01300	.62300	.01623
.200	4.010	.45660	.05800	.03430	.45960	-.02496	-.01010	.00130	-.02600	.62400	.01748
.200	6.030	.45710	.05650	.03270	.45980	-.02650	-.01340	.00270	-.03900	.62500	.01968
.200	8.050	.46000	.05530	.03030	.46230	-.02822	-.02050	.00390	-.05200	.62700	.02449
.200	10.050	.46180	.05550	.02760	.46430	-.02840	-.02590	.00550	-.06500	.63000	.02684
GRADIENT		.00022	-.00013	-.00017	.00020	-.00016	-.00260	-.00077	-.00623	.00010	.00007

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000

RUN NO. 218/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	.73050	.13240	.01450	.73920	-.06847	.02940	.01280	.05600	.64400	.02946
.200	-8.050	.72930	.13290	.01840	.73820	-.06775	.02420	.01060	.04400	.64200	.02585
.200	-6.020	.72900	.13370	.02220	.73820	-.06678	.01880	.00800	.03200	.64100	.02305
.200	-4.020	.72700	.13390	.02580	.73630	-.06602	.01340	.00530	.02000	.63900	.02023
.200	-2.020	.72610	.13380	.02770	.73540	-.06593	.00740	.00270	.01000	.63800	.01874
.200	-.020	.72520	.13400	.02870	.73450	-.06550	.00150	.00050	.00000	.63700	.01803
.200	1.990	.72540	.13230	.02830	.73430	-.06717	-.00410	-.00120	-.01300	.63700	.01987
.200	4.010	.72750	.13250	.02570	.73640	-.06761	-.01010	-.00360	-.02400	.63900	.02144
.200	6.040	.72970	.13230	.02280	.73840	-.06830	-.01610	-.00630	-.03400	.64000	.02309
.200	8.040	.72740	.13090	.01990	.73590	-.06909	-.02230	-.00880	-.04400	.64200	.02485
.200	10.050	.72690	.13190	.01590	.73560	-.06795	-.02820	-.01080	-.05300	.64400	.02664
GRADIENT		.00002	-.00021	.00002	-.00004	-.00022	-.00291	-.00108	-.00553	-.00005	.00018

(RDZ219) (07 JUN 74)

0A628 B26C9 F8 W116E28 X9

PARAMETRIC DATA

REFERENCE DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 219/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WCH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.030	.98650	.29800	-.01240	1.02800	-.07142	.02100	.00580	.07600	.65600	.03622
.200	-8.020	.99230	.29780	-.00630	1.03340	-.07369	.01600	.00440	.06600	.65400	.03200
.200	-6.020	1.00150	.30120	-.00900	1.04320	-.07387	.01130	.00320	.05200	.65300	.02923
.200	-4.000	1.00660	.30260	-.00260	1.04850	-.07448	.00770	.00210	.03600	.65300	.02797
.200	-1.990	1.00860	.30470	-.00110	1.05110	-.07334	.00390	.00150	.02000	.65200	.02690
.200	.000	1.00760	.30480	.00080	1.05020	-.07277	.00050	.00180	.00200	.65100	.02604
.200	2.000	1.00600	.30230	.00070	1.04780	-.07440	-.00270	.00270	-.01500	.65200	.02830
.200	4.030	1.00710	.30020	-.00150	1.04810	-.07697	-.00530	.00310	-.03400	.65200	.02860
.200	6.070	1.00790	.29540	-.00080	1.04710	-.08155	-.00750	.00110	-.05300	.65200	.02987
.200	8.050	1.00390	.29860	-.00430	1.04450	-.07724	-.01270	-.00120	-.06500	.65300	.03051
.200	10.080	.99870	.29720	-.00810	1.03910	-.07660	-.01940	-.00370	-.07500	.65500	.03357
GRADIENT		-.00008	-.00036	.00016	-.00020	-.00030	-.00163	.00016	-.00873	-.00010	.00013

04628 B26C9 W7F8 W16E28 X9

(RDZ220) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 220/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.190	-.24820	.03120	-.24990	.01301	-.00040	.00170	.00300	.71000	.03066
.200	-2.100	-.15090	.02480	-.15170	.01924	-.00030	.00160	.00200	.74600	.03024
.200	-1.060	-.10490	.02190	-.10530	.02001	-.00020	.00160	.00200	.78700	.03056
.200	-.030	-.05810	.02220	-.05810	.02226	-.00020	.00160	.00100	.89800	.02860
.200	.980	-.01050	.02080	-.01020	.1101	-.00020	.00190	.00100	2.04500	.02943
.200	2.030	.03640	.02030	.03710	.01306	-.00010	.00160	.00100	.26700	.02979
.200	4.080	.13060	.02230	.13190	.01294	-.00010	.00170	.00000	.54300	.03023
.200	6.180	.22810	.02870	.22980	.00399	-.00010	.00170	.00000	.59100	.02921
.200	8.250	.32710	.03810	.32920	-.00922	-.00010	.00160	.00000	.61100	.02951
.200	10.320	.42500	.05440	.42890	-.02273	-.00020	.00150	.00000	.62100	.02837
.200	12.400	.52240	.07550	.53230	-.03979	.00010	.00180	.00000	.62700	.03034
.200	14.480	.63800	.10630	.64430	-.05664	.00060	.00090	-.00200	.63400	.03219
.200	16.560	.75580	.14610	.76510	-.07544	.00090	.00030	-.00400	.64000	.03297
.200	18.670	.87610	.19720	.89320	-.09364	.00070	.00150	-.00400	.64500	.03633
.200	20.750	.98840	.25610	1.01510	-.11080	.00120	.00160	-.00500	.64800	.03970
.200	22.860	1.09320	.36120	1.14770	-.09188	.00140	.00140	-.00400	.65400	.04544
.200	24.960	1.17730	.43120	1.24930	-.11593	.00200	.00100	-.00900	.65300	.04930
.200	27.020	1.25390	.50480	1.34630	-.12001	.00110	.00610	-.01000	.65300	.05489
.200	29.060	1.26600	.55760	1.37730	-.12763	.00170	.00270	-.00600	.64700	.06259
.200	30.940	1.09960	.53940	1.22050	-.11271	-.00070	.01110	-.01300	.62700	.07972
GRADIENT	.04374	-.00106	-.00005	.04610	.00001	.00004	.00001	-.00035	-.00876	-.00009

04628 B26C9 M7F8 W16E28 X9

(RDZ221) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 221/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CLM	CDF	CLN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	-.03630	.02610	.01230	-.03630	.01231	.02220	-.01010	.08800	.91700	.03845
.200	-8.040	-.04390	.03020	.01600	-.04390	.01607	.01780	-.00780	.07200	.90400	.03450
.200	-6.010	-.04860	.03360	.01790	-.04860	.01788	.01340	-.00550	.05500	.90600	.03252
.200	-3.940	-.05100	.03560	.02020	-.05100	.02026	.00880	-.00300	.03700	.90900	.03015
.200	-2.010	-.05640	.03790	.02130	-.05640	.02128	.00430	-.00060	.02000	.89900	.02931
.200	.000	-.05890	.03890	.02100	-.05890	.02102	.00000	.00180	.00200	.89500	.02972
.200	2.010	-.05790	.03840	.02050	-.05790	.02054	-.00450	.00410	-.01400	.89500	.03095
.200	4.040	-.05730	.03710	.01820	-.05730	.01814	-.00910	.00660	-.03200	.89000	.03433
.200	6.070	-.05250	.03490	.01570	-.05250	.01559	-.01370	.00910	-.05000	.89700	.03558
.200	8.030	-.04740	.03170	.01260	-.04740	.01257	-.01830	.01150	-.06800	.89800	.03799
.200	10.080	-.04100	.02810	.00990	-.04100	.00992	-.02270	.01380	-.08500	.90400	.03961
GRADIENT	-.00070	-.00024	.00017	-.00017	-.00070	-.00025	-.00222	.00119	-.00857	-.00209	.00150

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000

RUN NO. 222/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CLM	CDF	CLN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.19560	.02590	.01960	.19660	.00203	.02150	-.00280	.09000	.60300	.03947
.200	-8.030	.19270	.03060	.02190	.19390	.00434	.01720	-.00290	.07200	.59400	.03520
.200	-6.020	.18710	.03360	.02380	.18850	.00605	.01270	-.00130	.05600	.58600	.03199
.200	-4.010	.18270	.03610	.02460	.18420	.00814	.00840	-.00040	.03800	.57900	.03070
.200	-2.010	.18120	.03760	.02580	.18280	.00946	.00410	.00060	.01900	.57600	.02901
.200	.000	.18000	.03850	.02500	.18150	.00868	.00000	.00160	.00100	.57400	.02947
.200	2.000	.17870	.03840	.02330	.18010	.00717	-.00410	.00280	-.01700	.57300	.03113
.200	4.020	.18220	.02170	.02250	.18350	.00608	-.00860	.00370	-.03600	.57800	.03380
.200	6.060	.18360	.03420	.02150	.18470	.00470	-.01290	.00440	-.05300	.58300	.03556
.200	8.060	.18920	.03140	.01760	.19000	.00054	-.01740	.00540	-.07100	.59100	.03827
.200	10.080	.19350	.02750	.01560	.19410	-.00179	-.02170	.00510	-.08800	.59900	.04167
GRADIENT	-.00017	-.00033	.00010	-.00020	-.00020	-.00032	-.00210	.00052	-.00918	-.00125	.00142

DATE 22 JUL 74

TABULATED SOURCE DATA - Q4628

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Q4628 B26C9 HTF8 W16E28 X9

(RDZ223) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 PREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 223/0 RN/L = 1.42 GRADIENT INTERVAL = -.6.00/ 6.00

WACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.050	.43960	.02470	.05280	.44190	-.02685	.02140	.00550	.08900	.63100	.04198
.200	-8.040	.43480	.02860	.05460	.43760	-.02413	.01680	.00480	.07300	.62800	.03781
.200	-6.020	.43050	.03210	.05550	.43350	-.02254	.01230	.00410	.05800	.62400	.03376
.200	-3.990	.42800	.03510	.05480	.43090	-.02280	.00790	.00340	.03700	.62200	.03140
.200	-2.000	.42660	.03620	.05380	.42930	-.02343	.00380	.00250	.01900	.62100	.03035
.200	-1.010	.42620	.03670	.05380	.42910	-.02264	.00020	.00140	.00000	.62100	.02852
.200	2.010	.42730	.03580	.05240	.42970	-.02491	.00400	.00090	-.01900	.62100	.03097
.200	4.030	.42720	.03490	.05010	.42930	-.02722	.00810	.00000	-.03700	.62200	.03463
.200	6.060	.42980	.03250	.04950	.43170	-.02825	.01270	.00080	-.05400	.62400	.03734
.200	8.050	.43290	.02980	.04730	.43440	-.03100	.01730	.00160	-.07200	.62600	.04096
.200	10.080	.43670	.02630	.04530	.43770	-.03398	.02190	.00250	-.08800	.63000	.04466
GRADIENT	-.00004	-.00054	-.00034	-.00054	-.00014	-.00052	-.00198	-.00042	-.00028	.00000	.00036

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 PREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 223/0 RN/L = 1.42 GRADIENT INTERVAL = -.6.00/ 6.00

WACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.060	.97820	.01680	.28600	1.01610	-.07699	.01540	.00620	.09700	.65800	.05511
.200	-8.070	.98430	.00930	.28440	1.02120	-.08279	.01150	.00440	.08300	.65500	.05220
.200	-6.050	.98620	.00340	.28450	1.02300	-.08344	.00740	.00300	.06600	.65300	.04733
.200	-4.020	.98320	.00100	.28380	1.01990	-.08304	.00370	.00200	.04600	.65100	.04309
.200	-2.020	.99150	.00050	.28590	1.02850	-.08405	.00080	.00120	.02400	.65100	.04265
.200	-1.030	.99050	.00140	.28550	1.02740	-.08408	.00090	.00110	-.00100	.65100	.04151
.200	1.990	.99180	.00170	.28310	1.02780	-.08674	.00170	.00190	-.02900	.65100	.04242
.200	4.000	.98490	.00620	.27340	1.01790	-.09340	.00100	.00120	-.05700	.64900	.04412
.200	6.030	.98070	.00330	.27250	1.01360	-.09261	.00050	.00030	-.07800	.65000	.04895
.200	8.030	.99590	.00450	.27930	1.03030	-.09178	.01040	.00160	-.09400	.65300	.05544
.200	10.020	.99110	.01180	.27880	1.02550	-.09121	.01540	.00450	-.10900	.65600	.05865
GRADIENT	.00014	-.00018	.00058	-.00014	-.00024	-.00117	-.00059	-.00004	-.01292	-.00000	.00009

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000

(RDZ223) (07 JUN 74)

(RD2226) (07 JUN 74)

0A628 B26C9 M7F8 W16E28 X9

PARAMETRIC DATA

ALPHA = 15.000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 226/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.030	.70980	.12700	.01070	.71790	-.06	.02360	.00920	.08200	.64600	.04674
.200	-8.030	.70590	.12600	.01600	.71410	-.066	.01900	.00740	.06600	.64300	.04291
.200	-6.010	.70030	.12500	.02220	.70830	-.066	.01460	.00550	.04800	.64000	.03951
.200	-3.960	.69780	.12540	.02630	.70590	-.0658	.00980	.00410	.03100	.63800	.03553
.200	-2.010	.69440	.12490	.02730	.70250	-.06542	.00510	.00210	.01400	.63700	.03361
.200	.000	.69710	.12540	.02780	.70520	-.06554	.00070	.00000	-.00300	.63700	.03364
.200	2.020	.69810	.12340	.02820	.70560	-.06792	-.00340	-.00090	-.02300	.63700	.03567
.200	4.020	.69780	.12340	.02740	.70540	-.06773	-.00790	-.00240	-.04100	.63700	.03577
.200	6.050	.69830	.12160	.02480	.70530	-.06958	-.01320	-.00440	-.05600	.63900	.04009
.200	8.070	.70230	.11850	.02010	.70840	-.07407	-.01840	-.00570	-.07200	.64100	.04668
.200	10.080	.70860	.11830	.01370	.71450	-.07562	-.02330	-.00720	-.08800	.64500	.05123
GRADIENT		.00019	-.00028	.00012	.00011	-.00032	-.00220	-.00080	-.00906	-.00010	.00013

REFERENCE DATA

SREF = 4.4119 SQ.FT.

LREF = 19.2299 INCHES

BREF = 37.9359 INCHES

SCALE = .0405 SCALE

YMRP = 43.5974 INCHES

YMRP = .0000 INCHES

ZMRP = 15.1875 INCHES

BETA = .000

ELEVON = -5.000

RUDDER = .000

BDFLAP = -12.000

AILRON = .000

SPDRK = .000

PARAMETRIC DATA

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.235	-.36550	.04440	.09090	-.36780	.01737	-.00120	.00260	.00600	.74000	.03263
.200	-2.150	-.26940	.03410	.08990	-.27030	.02399	-.00110	.00250	.06400	.77400	.03263
.200	-1.130	-.22380	.03030	.09020	-.22440	.02589	-.00100	.00240	.00300	.80000	.03234
.200	-.090	-.17490	.02710	.08990	-.17500	.02690	-.00120	.00240	.00400	.84100	.03228
.200	.930	-.12960	.02450	.09020	-.12920	.02670	-.00110	.00250	.00300	.90900	.03240
.200	1.960	-.08260	.02310	.09060	-.08180	.02592	-.00110	.00240	.00300	1.05900	.03184
.200	4.060	.01230	.02240	.09100	.01380	.02156	-.00100	.00240	.00200	-1.75800	.03117
.200	6.110	.10310	.02500	.09100	.10710	.01369	-.00100	.00260	.00100	.33900	.02999
.200	8.160	.20210	.03080	.09080	.20440	.00183	-.00110	.00240	.00100	.48800	.02982
.200	10.260	.30160	.04210	.09070	.30430	-.01230	-.00100	.00250	.00000	.54200	.02989
.200	12.320	.40320	.05840	.09040	.40640	-.02898	-.00100	.00260	.00000	.57000	.03235
.200	14.430	.51490	.08620	.08720	.52020	-.04482	-.00030	.00220	-.00100	.59000	.03318
.200	16.470	.63290	.12180	.08050	.64140	-.06261	-.00030	.00190	-.00100	.60500	.03566
.200	18.610	.75300	.16740	.07250	.76700	-.08166	-.00050	.00250	-.00100	.61700	.03767
.200	20.700	.87040	.22270	.06730	.89290	-.09935	.00030	.00270	-.00300	.62400	.04086
.200	22.740	.97750	.31830	.04830	1.02450	-.08498	-.00040	.00210	-.00100	.63400	.04562
.200	24.870	1.06620	.38410	.04960	1.12890	-.09990	.00110	.00430	-.00700	.63500	.05071
.200	26.940	1.15150	.45720	.04630	1.23370	-.11411	.00080	.00590	-.00800	.63800	.05473
.200	28.980	1.19250	.51940	.05700	1.29490	-.12350	.00060	.00520	-.00700	.63500	.06017
.200	30.940	1.09200	.53010	.10730	1.20910	-.10690	.00070	.00900	-.01400	.61900	.07248
	GRADIENT	.04556	-.00266	.00004	.04672	.00049	.00002	-.00002	-.00041	-.21568	-.00017

RUN NO. 227/ 0

RM/L = 1.42

GRADIENT INTERVAL = -6.00/ 6.00

OM628 B26C9 M7F8 W16E28W8R5X9

(R02228) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. TREF = 43.5974 INCHES
LREF = 19.2299 INCHES TREF = .0000 INCHES
BREF = 37.9359 INCHES TREF = 15.1875 INCHES
SCALE = .0005 SCALE

BETA =
ELEVON =
RUDDER =
RHLRAD =

.000
.000
.000
.000

9DFLAP = -12.000
AILRON = .000
SPDR = .000

PARAMETRIC DATA

RUN NO. 228 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 5.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP	CAB
.200	-4.160	-25370	.03510	.04270	-25560	.01663	-0.00130	.01210	.00900	.71. 0	.03483
.200	-2.060	-11590	.02750	.04160	-16050	.02179	-0.00130	.01210	.00400	.747.00	.03320
.200	-1.070	-11420	.02500	.04160	-111470	.02291	-0.00120	.00220	.00400	.78500	.03351
.200	-.020	-056810	.02480	.04160	-06810	.02481	-0.00120	.00210	.00300	.87700	.03416
.200	-.990	-02160	.02300	.04160	-02120	.02345	-0.00110	.00220	.00400	1.37700	.03490
.200	2.050	.02480	.02300	.04170	.02560	.02212	-0.00110	.00230	.00300	.05200	.03406
.200	4.190	.12090	.02540	.04190	.12240	.01675	-0.00110	.00220	.00200	.58600	.03414
.200	6.160	.21500	.03180	.04150	.21720	.00852	-0.00100	.00220	.00200	.58100	.03217
.200	8.240	.31420	.04170	.04140	.31740	-.00476	-0.00120	.01200	.00100	.61500	.03293
.200	10.310	.41420	.05560	.03360	.41750	-.01942	-0.00130	.00220	.00100	.61700	.03327
.200	12.390	.51470	.07690	.03970	.51920	-.03529	-0.00120	.00220	.00000	.62300	.03459
.200	14.500	.63190	.10720	.03460	.63780	-.05356	-0.00080	.00130	.00000	.632. 0	.036
.200	16.580	.74820	.14950	.02630	.75980	-.07019	-0.00140	.00100	-.00200	.639. 0	.037. 0
.200	18.650	.86630	.19770	.01950	.88420	-.08493	-0.00170	.00220	.00100	.644. 0	.04. 57
.200	20.750	.97510	.25620	.01500	1.01260	-.10603	-0.00000	.00250	-.00100	.646. 0	.04290
.200	22.840	1.08390	.33620	-.00340	1.13780	-.08480	.00000	.00200	.00300	.653. 0	.04325
.200	24.940	1.16990	.43150	-.01260	1.24290	-.11308	.00100	.00400	-.00700	.659. 0	.05323
.200	27.010	1.25420	.53720	-.00330	1.34780	-.11787	.00080	.00620	-.00100	.663. 0	.05892
.200	29.070	1.26260	.55450	.01610	1.37530	-.12470	.00110	.00300	-.00600	.64700	.06436
.200	30.960	1.11220	.54460	.08220	1.23590	-.11184	.00000	.00670	-.02600	.627. 0	.07779
GRADIENT		.04528	-.00115	-.00000	-.4559	.00004	.00003	.00012	-.00032	-.03602	-.01013

0A628 826C9 W7F8 W16E28W85X9

(RDZ229) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .0000 BOFLAP = -12.0000
 ELEWON = .0000 AILRON = .0000
 RUDDER = .0000 SPDBRK = .0000
 RHLRAD = .0000

RUN NO. 229/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	-0.04790	.00940	.0272	-0.04790	.00946	-0.01150	.00820	.17500	.86100	.04026
.200	-8.050	-0.05290	.01410	.03120	-0.05290	.01412	-0.00990	.00760	.14200	.86900	.03829
.200	-6.050	-0.05860	.01700	.03420	-0.05860	.01706	-0.00780	.00670	.10700	.86600	.03768
.200	-4.050	-0.06360	.02130	.03760	-0.06370	.02128	-0.00510	.00510	.07200	.86900	.03556
.200	-2.050	-0.06690	.02350	.04010	-0.06690	.02352	-0.00320	.00330	.03900	.87200	.03479
.200	.000	-0.06850	.02500	.04150	-0.06850	.02502	-0.00120	.00230	.00400	.87500	.03415
.200	1.990	-0.06950	.02340	.04060	-0.06950	.02337	.00070	.00100	-0.02200	.86700	.03611
.200	4.030	-0.06570	.02190	.03830	-0.06570	.02193	.00310	-0.00740	-0.06300	.86600	.03650
.200	6.040	-0.06200	.01760	.03530	-0.06200	.01763	.00580	-0.01230	-0.09900	.86100	.03884
.200	8.030	-0.05590	.01360	.03140	-0.05590	.01358	.00820	-0.00320	-0.13500	.85300	.04013
.200	10.070	-0.05040	.00960	.02850	-0.05050	.00964	.01010	-0.00390	-0.17000	.85900	.04129
GRADIENT	-0.00034	.00005	.00005	.00009	-0.00033	.00006	.00010	-0.00067	-0.01680	-0.00055	.00016

0A628 826C9 W7F8 W16E28W85X9

(RDZ230) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.0000 BOFLAP = -12.0000
 ELEWON = .0000 AILRON = .0000
 RUDDER = .0000 SPDBRK = .0000
 RHLRAD = .0000

RUN NO. 230/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	-0.05770	.01580	.02740	-0.05740	.00904	-0.01310	.01590	.17600	.59700	.03893
.200	-8.060	-0.06080	.02000	.03140	-0.06190	.00937	-0.01070	.01340	.14200	.58800	.03656
.200	-6.040	-0.07670	.02230	.03460	-0.07800	.009637	-0.00810	.01060	.10700	.58000	.03659
.200	-3.990	-0.07140	.02630	.03780	-0.07310	.01085	-0.00520	.00750	.07900	.57100	.03391
.200	-2.000	-0.06960	.02740	.03990	-0.07140	.01208	-0.00280	.00460	.03700	.56600	.03410
.200	-0.010	-0.06660	.02460	.04170	-0.06850	.01359	-0.00100	.00220	.00200	.56100	.03296
.200	2.000	-0.06870	.02720	.04080	-0.07050	.01202	.00050	.00000	-0.03000	.56300	.03495
.200	4.000	-0.06990	.02400	.03860	-0.07140	.00875	.00270	-0.00260	-0.06400	.56900	.03765
.200	6.050	-0.07400	.02180	.03570	-0.07530	.009015	.00550	-0.00560	-0.10000	.57700	.03833
.200	8.030	-0.07780	.01700	.03200	-0.07660	.00901	.00850	-0.00850	-0.13700	.58500	.04099
.200	10.070	-0.08260	.01330	.02840	-0.08310	.009314	.01130	-0.01110	-0.17200	.59500	.04259
GRADIENT	-0.00019	-0.00024	.00002	.00002	-0.00021	.00002	.00006	-0.00124	-0.01687	-0.00035	.00042

04628 B26C9 MTF8 W15E28WR5X9

(RDZ231) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPOBRK = .000
 RHLRAD = .000

RUN NO. 231/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.43080	.04830	.02820	.43250	-.02969	-.01330	.02430	.17200	.62900	.03969
.200	-8.050	.42510	.05190	.03070	.42750	-.02511	-.01090	.01980	.13900	.62600	.03676
.200	-6.050	.41990	.05300	.03380	.42270	-.02310	-.00830	.01560	.10500	.62200	.03542
.200	-4.010	.41640	.05540	.03750	.41960	-.02073	-.00550	.01130	.06900	.61900	.03288
.200	-2.010	.41500	.05550	.03950	.41820	-.01967	-.00330	.00660	.03600	.61700	.03313
.200	.000	.41500	.05480	.03980	.41810	-.02043	-.00110	.00280	.00300	.61700	.03502
.200	2.010	.41200	.05420	.03890	.41510	-.02046	.00180	-.00600	-.00300	.61700	.03456
.200	4.010	.41410	.05270	.03720	.41690	-.02224	.00280	-.00600	-.00400	.61900	.03531
.200	6.050	.41740	.05140	.03360	.41970	-.02519	.00540	-.01040	-.00900	.62200	.03800
.200	8.030	.42220	.04760	.03040	.42390	-.02875	.00790	-.01470	-.01300	.62500	.04060
.200	10.060	.42630	.04440	.02750	.42740	-.03266	.01050	-.01940	-.01700	.62800	.04374
GRADIENT	-.00038	-.00033	-.00006	-.00042	-.00026	-.00026	.00102	-.00214	-.01660	.00000	.00031

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPOBRK = .000
 RHLRAD = .000

RUN NO. 232/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.70240	.12090	.01190	.70970	-.07125	-.01560	.02840	.17200	.64600	.04147
.200	-8.070	.69770	.12250	.01660	.70510	-.06843	-.01070	.02330	.13700	.64300	.03869
.200	-6.040	.69270	.12400	.02230	.70070	-.06567	-.00810	.01820	.10200	.64000	.03699
.200	-4.020	.68670	.12600	.02730	.69540	-.06219	-.00490	.01290	.06800	.63700	.03593
.200	-2.000	.68470	.12630	.02990	.69360	-.06132	-.00220	.00610	.03300	.63600	.03647
.200	.010	.68490	.12700	.03070	.69400	-.06063	-.00000	.00280	.00000	.63500	.03702
.200	2.000	.68570	.12600	.03050	.69440	-.06183	.00160	-.00360	-.00300	.63500	.03777
.200	4.030	.68490	.12390	.02860	.69320	-.06320	.00410	-.00900	-.00900	.63600	.03775
.200	6.050	.68030	.12160	.02410	.69550	-.06824	.00660	-.01470	-.01500	.63900	.03898
.200	8.040	.67370	.12040	.01790	.70060	-.06961	.00980	-.01960	-.01900	.64200	.04003
.200	10.070	.67260	.11840	.01260	.70460	-.07435	.01200	-.02490	-.01700	.64500	.04302
GRADIENT	-.00013	-.00023	-.00018	-.00016	-.00018	-.00017	.00109	-.00237	-.01706	-.00015	.00025

0A62B B26C9 W7F8 W16E28W85X3

(RDZ233) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1575 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.070
ELEVON = .000 AILRON = .000
RUDDER = .000 SPCBRK = .000
RHLRAD = .000

RUN NO. 233/ 0 FN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.97940	.27920	-.01590	1.01480	-.08625	-.02460	.02790	.19200	.65700	.04850
.200	-8.080	.98160	.27960	-.00910	1.01700	-.08669	-.01980	.02230	.15500	.65500	.04719
.200	-6.060	.97570	.28260	-.00210	1.01250	-.08176	-.01600	.01660	.11900	.65200	.04236
.200	-4.010	.97330	.28260	.00350	1.01020	-.08106	-.01130	.01120	.08100	.65000	.04209
.200	-2.020	.97780	.28450	.00440	1.01510	-.08086	-.00680	.00600	.04200	.65000	.04438
.200	-.030	.97710	.28510	.00550	1.01470	-.08002	-.00200	.00100	.00100	.65000	.04328
.200	1.970	.97770	.27940	.00620	1.01330	-.08553	.00400	-.00110	-.04200	.64900	.04689
.200	3.980	.97160	.27180	.00890	1.00490	-.09043	.01010	-.00650	-.08400	.64800	.04599
.200	6.030	.96800	.26980	.00550	1.00770	-.09179	.01410	-.01220	-.12300	.65000	.04502
.200	8.030	.97680	.27200	-.00460	1.00970	-.09216	.01840	-.01760	-.16300	.65300	.04906
.200	10.050	.97930	.27320	-.01180	1.01250	-.09190	.02180	-.02360	-.19900	.65600	.05059
GRADIENT		-.00019	-.00134	.00063	-.00062	-.00117	.00268	-.00213	-.02073	-.00025	.00052

(002240) (07 JUN 74)

04628 B26C9 W7F8 W116E28W8R59

PARAMETRIC DATA

BETA = .000
ELEVON = .000
EJDER = .000
BDFLAP = -12.000
ALFON = .000
SPDRK = 25.000

REFERENCE DATA

WREF = 4.4113 SJ.FT. WREF = 43.5974 INCHES
LREF = 19.2289 INCHES WREF = .0000 INCHES
BREF = 37.9359 INCHES WREF = 15.1275 INCHES
SCALE = 1.7405 SCALE

PURV NO. 240/0 TN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	LL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.170	-12.500	.04160	.14770	-1.2571	.02301	-1.00130	.00240	.00640	.72000	.03749
.200	-2.110	-11.610	.03630	.14690	-1.19280	.03035	-1.00160	.00220	.00500	.75800	.03805
.200	-1.100	-11.160	.03220	.14720	-1.11720	.03000	-1.00160	.00230	.00440	.80000	.03813
.200	-1.020	-10.620	.03150	.14720	-1.06820	.03150	-1.00150	.00240	.00400	.80600	.03748
.200	.990	-10.220	.03250	.14650	-1.02150	.03228	-1.00150	.00230	.00400	1.44800	.03524
.200	2.030	-10.240	.03270	.14710	.02530	.02991	-1.00150	.00240	.00350	.83100	.03154
.200	4.070	.11710	.03400	.14710	.11920	.02560	-1.00150	.00240	.00300	.51600	.03559
.200	6.170	.21620	.03520	.14560	.21920	.01578	-1.00150	.00240	.00310	.57500	.03588
.200	8.220	.31720	.03550	.14270	.31710	.01423	-1.00150	.00230	.00210	.61000	.03460
.200	10.320	.41310	.03530	.14430	.41790	-.01128	-1.00150	.00240	.00200	.61300	.03590
.200	12.360	.51150	.03490	.14350	.51780	-.02662	-1.00150	.00240	.00100	.62100	.03629
.200	14.460	.62290	.11560	.14320	.62810	-.04414	-1.00150	.00230	.00000	.63000	.03839
.200	16.550	.74570	.15870	.14300	.76320	-.05152	-1.00150	.00120	.00000	.63700	.04139
.200	18.650	.86710	.20940	.14250	.86640	-.07867	-1.00150	.00230	.00000	.64200	.04274
.200	20.730	.97650	.27660	.14160	1.01110	-.08708	-1.00200	.00450	.00000	.64500	.04525
.200	22.800	1.05930	.34510	.14140	1.11140	-.09286	-1.00240	.00530	.00000	.64700	.04571
.200	24.860	1.11440	.42120	.14120	1.21910	-.10111	-1.00380	.00270	.00000	.64800	.05410
.200	26.950	1.22110	.49720	.14120	1.31560	-.11112	-1.00230	.00280	.00000	.64700	.05374
.200	29.030	1.26330	.56610	.14110	1.37940	-.11741	-1.00190	.00550	.00000	.64600	.06351
.200	31.920	1.11200	.55290	.14020	1.23800	-.09721	-1.00270	.00630	.00000	.62600	.07721
.200	GRADIENT	.04513	-.00056	-.00006	.04568	.00029	.00000	.11001	-.00046	-.04120	-.00016

04628 226C9 W7F8 W16E28W85X9

(02241) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0000 BOFLAP = -12.0000
ELEVON = 5.0000 AILRON = .0000
RUDDER = .0000 SPDBRK = 25.0000

PARAMETRIC DATA

RUN NO. 241/0 RN/L = 1.42 RADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.110	-.16380	.03810	.00690	-.16810	.02613	-.00140	.00340	.00500	.66700	.03940
.200	-2.050	-.07380	.03320	.00660	-.07430	.03057	-.00150	.00340	.00500	.68400	.04033
.200	-1.990	-.02590	.03420	.01640	-.02630	.03377	-.00140	.00350	.00400	.74000	.03816
.200	.0020	.02000	.03220	.01620	.02000	.03228	-.00130	.00340	.00300	.53700	.04019
.200	1.070	.06890	.03510	.01610	.06950	.03383	-.00140	.00330	.00300	.61900	.03746
.200	2.110	.11670	.03440	.00590	.11790	.03009	-.00150	.00330	.00300	.63300	.03993
.200	4.150	.20870	.04090	.00560	.21120	.02569	-.00150	.00310	.00300	.64200	.03770
.200	6.220	.30680	.04860	.00450	.31030	.01513	-.00150	.00290	.00300	.64600	.03740
.200	8.310	.40400	.06050	.00260	.40850	.00148	-.00150	.00260	.00200	.64900	.03819
.200	10.380	.50330	.07900	.00240	.50930	-.01297	-.00170	.00240	.00100	.65000	.03747
.200	12.430	.60530	.10300	.00110	.61330	-.02978	-.00120	.00260	.00000	.65100	.03958
.200	14.520	.71630	.13780	-.00380	.72890	-.04620	-.00090	.00160	.00000	.65400	.04072
.200	16.620	.83630	.18380	-.01260	.85400	-.06306	-.00100	.00140	.00000	.65700	.04231
.200	18.700	.95590	.23760	-.01960	.98160	-.08138	-.00230	.00280	.00200	.65900	.04553
.200	20.790	1.05490	.30920	-.02350	1.09600	-.08545	.00430	.00770	-.00300	.66000	.04820
.200	22.860	1.13830	.38240	-.02540	1.19740	-.08996	.00260	.00540	-.00900	.65900	.05164
.200	24.940	1.22940	.46050	-.02900	1.30900	-.10081	.00100	.00330	-.00500	.66000	.05849
.200	27.020	1.29500	.54010	-.02850	1.39900	-.10716	.00240	.00380	-.01200	.65900	.06187
.200	29.040	1.31310	.59950	-.00900	1.43900	-.11042	.00230	.00540	-.01500	.65400	.06778
.200	30.940	1.09760	.59850	.07520	1.22850	-.08526	-.00030	.01030	-.01800	.62900	.08032
GRADIENT		.04546	.00033	-.00016	.04603	-.00006	-.00001	-.00004	-.00030	-.00740	-.00019

QM62B B26C9 M7F8 W16E29W8R5X9

(R02242) (07 JUN 74)

REFERENCE DATA

SPEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0000 BDFLAP = -12.000
ELEVON = 5.0000 AILRON = .0000
RUDDER = .0000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 242/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.090	-1.5900	.03680	.07410	-.16130	.02541	-.00140	-.00320	.00500	.66100	-.04072
.200	-2.000	-.06480	.03280	.00360	-.06390	.03059	-.00130	.00320	.00400	.67200	.04062
.200	-.980	-.01910	.03360	.00340	-.01970	.03335	-.00120	.00330	.00300	.71600	.03952
.200	.040	.02680	.03240	.00320	.02690	.03242	-.00130	.00330	.00300	.60700	.04065
.200	1.060	.07300	.03470	.00340	.07300	.03333	-.00120	.00330	.00300	.63400	.03894
.200	2.120	.12350	.03600	.00300	.12470	.03147	-.00130	.00320	.00300	.64300	.03920
.200	4.170	.21590	.04140	.00280	.21830	.02564	-.00130	.00310	.00200	.64700	.03861
.200	6.230	.31020	.04960	.00170	.31370	.01571	-.00130	.00290	.00200	.65000	.03777
.200	8.310	.40840	.06260	.00100	.41320	.00295	-.00140	.00280	.00200	.65100	.03718
.200	10.410	.50560	.07940	.00100	.51160	-.01326	-.00130	.00260	.00100	.65100	.03856
.200	12.430	.60430	.10300	-.00010	.61240	-.02957	-.00100	.00260	.00000	.65200	.03999
.200	14.540	.71560	.13810	-.00410	.72730	-.04597	-.00080	.00160	.00000	.65400	.04068
.200	16.610	.83580	.18310	-.01290	.85330	-.06348	-.00080	.00110	.00000	.65700	.04311
.200	18.720	.95270	.23840	-.01830	.97880	-.08005	-.00230	.00300	.00100	.65900	.04432
.200	20.780	1.05450	.30670	-.02270	1.09470	-.08741	.00340	.00620	-.01000	.65900	.04757
.200	22.860	1.13380	.38030	-.02170	1.19250	-.09008	.00270	.00530	-.00900	.65800	.05174
.200	24.960	1.22470	.46100	-.02720	1.30480	-.09885	.00070	.00350	-.00500	.65900	.05664
.200	27.020	1.29320	.53850	-.02410	1.39670	-.10792	.00250	.00300	-.01000	.65800	.06179
.200	29.040	1.30290	.59490	-.00350	1.42780	-.11249	.00200	.00770	-.01600	.65300	.06644
.200	30.910	1.10020	.55980	.07580	1.23160	-.08490	-.00280	.01980	-.02600	.62900	.07936
GRADIENT		.04544	.00060	-.00015	.04600	.00006	.00001	-.00001	-.00032	-.00450	-.00027

DATE 02 JUL 74 TABULATED SOURCE DATA - Q46.B

(RD244) (07 JUN 74)

Q4628 B26C9 W7F8 W16E29V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0000 BDFLAP = -12.000
ELEVON = -10.0000 ALLRON = .0000
RUDDER = .0000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 244 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.260	-4.5750	.06330	.13770	-.46100	.02918	-.00150	.00190	.00600	.76200	.03269
.200	-2.210	-3.6310	.05130	.13610	-.36480	.03731	-.00150	.00180	.00600	.78900	.03259
.200	-1.170	-3.1540	.04630	.13570	-.31630	.03986	-.00160	.00180	.00600	.81900	.03281
.200	-.140	-2.6920	.04210	.13530	-.26930	.04145	-.00160	.00170	.00500	.83700	.03248
.200	.900	-.22190	.03840	.13510	-.22120	.04164	-.00160	.00170	.00500	.87600	.03212
.200	1.920	-.17410	.03540	.13510	-.17280	.04130	-.00160	.00170	.00400	.93900	.03241
.200	3.960	-.08060	.03180	.13490	-.07820	.03737	-.00170	.00180	.00400	1.28700	.03220
.200	6.050	.01350	.03100	.13540	.01670	.02939	-.00170	.00170	.00200	-2.32500	.03179
.200	8.130	.10970	.03470	.13480	.11350	.01883	-.00150	.00160	.00200	.21500	.03113
.200	10.180	.20360	.04140	.13520	.20770	.00479	-.00170	.00160	.00300	.41200	.03274
.200	12.260	.30760	.05700	.13420	.31270	-.00998	-.00150	.00160	.00100	.49400	.03328
.200	14.330	.41910	.07980	.13100	.42580	-.02639	-.00110	.00130	.00000	.53800	.03569
.200	16.410	.54040	.11410	.12460	.55070	-.04317	-.00090	.00150	.00000	.56800	.03755
.200	18.560	.65440	.15540	.12070	.66980	-.06100	-.00160	.00260	.00100	.58500	.03983
.200	20.580	.76510	.20540	.11550	.78850	-.07676	-.00150	.00340	.00000	.59800	.04212
.200	22.670	.86760	.27660	.10740	.90720	-.07919	.00170	.00460	.00000	.61300	.04897
.200	24.750	.96190	.34670	.10610	1.01620	-.09343	.00140	.00320	-.00700	.61800	.05333
.200	26.830	1.04160	.41380	.10160	1.11820	-.10097	.00110	.00340	-.00600	.62000	.05779
.200	28.890	1.10360	.48210	.10360	1.19920	-.11112	.00110	.00340	-.00600	.62000	.06729
.200	30.860	1.05440	.51090	.13640	1.16720	-.10229	-.00020	.01670	-.02100	.60900	.06729
.200	GRADIENT	.04580	-.00384	-.00032	.04652	.00099	-.00002	-.00002	-.00030	.05698	-.00007

Q4828 B26C9 M7F8 W16E29V8R5X9

(RDZ245) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.0000
ELEVON = 15.0000 AIRLON = .0000
RUDDER = .0000 SPDBRK = 25.0000

RUN NO. 245/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.010	.03430	.03910	-.08490	.03150	.04150	-.00160	.00290	.00500	1.64300	.04586
.200	-1.930	.12910	.04110	-.08620	.12770	.04553	-.00160	.00290	.00500	.90000	.04649
.200	-.930	.17580	.04380	-.08650	.17510	.04674	-.00170	.00280	.00500	.83300	.04599
.200	.110	.22280	.04760	-.08670	.22290	.04717	-.00170	.00280	.00400	.79500	.04476
.200	1.140	.26860	.05090	-.08710	.26950	.04557	-.00170	.00290	.00500	.77100	.04508
.200	2.190	.31650	.05550	-.08670	.31830	.04338	-.00190	.00270	.00500	.75200	.04434
.200	4.230	.40360	.06600	-.08470	.40740	.03617	-.00190	.00250	.00500	.72800	.04340
.200	6.300	.49540	.08070	-.08520	.50130	.02583	-.00170	.00220	.00300	.71400	.04253
.200	8.350	.58770	.09880	-.08550	.59580	.01235	-.00210	.00200	.00500	.70400	.04204
.200	10.440	.69660	.12480	-.08970	.70760	-.00349	-.00210	.00210	.00400	.69800	.04304
.200	12.520	.80030	.15780	-.09230	.81550	-.01951	-.00190	.00240	.00200	.69300	.04315
.200	14.580	.90970	.19860	-.09830	.93040	-.03690	-.00160	.00160	.00100	.69100	.04565
.200	16.730	1.02960	.25310	-.10540	1.03890	-.05408	-.00190	.00060	.00200	.68800	.04699
.200	18.760	1.14310	.31190	-.11140	1.18270	-.07239	-.00310	.00200	.00400	.68600	.04995
.200	20.830	1.22330	.38920	-.11100	1.28170	-.07132	.00550	.00070	-.01700	.68400	.05375
.200	22.900	1.30980	.47210	-.11600	1.39030	-.07475	.00160	.00370	-.00600	.68200	.05983
.200	25.010	1.39960	.56460	-.12030	1.50710	-.08003	.00140	.00310	-.00600	.68100	.06426
.200	27.040	1.43580	.63290	-.10580	1.56660	-.08912	.00140	.00370	-.01100	.67700	.06892
.200	29.010	1.36240	.65000	-.04810	1.50670	-.09239	.00150	.00910	-.02000	.66300	.07713
.200	30.880	1.11760	.59690	-.04070	1.26550	-.06150	.00080	.00380	-.01400	.64000	.08962
GRADIENT		.04495	.00332	-.00002	.04574	-.00063	-.00004	-.00004	.00000	-.09290	-.00035

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES

LREF = 19.2299 INCHES YMRP = .0000 INCHES

SREF = 37.9359 INCHES ZMRP = 15.1875 INCHES

SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000

BDFLAP = -12.000

ELEVON = .000

AILRON = .000

RUDER = .000

SPDBRK = 25.000

RUN NO. 246/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00											
WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.170	-2.5300	.04120	.04640	-.25530	.02274	-.00170	.00230	.00700	.71900	.03811
.200	-2.110	-.15080	.03510	.04520	-.16000	.02931	-.00180	.00220	.00600	.75600	.03817
.200	-1.070	-.11170	.03280	.04540	-.11230	.03070	-.00170	.00230	.00600	.80000	.03815
.200	-.030	-.06450	.03220	.04520	-.06450	.03223	-.00170	.00220	.00500	.90900	.03716
.200	1.000	-.01730	.03070	.04500	-.01680	.03103	-.00170	.00230	.00500	1.63500	.03848
.200	2.020	.02850	.03250	.04470	.02960	.03154	-.00160	.00230	.00400	.09700	.03596
.200	4.080	.12310	.03420	.04440	.12320	.02541	-.00170	.00220	.00400	.52100	.03651
.200	6.140	.22020	.03980	.04370	.22320	.01599	-.00160	.00230	.00300	.57900	.03638
.200	8.210	.31740	.04990	.04220	.32120	.00405	-.00170	.00210	.00300	.60300	.03550
.200	10.280	.41500	.06410	.04230	.41980	-.01092	-.00160	.00220	.00300	.61500	.03677
.200	12.370	.51890	.08570	.04090	.52530	-.02744	-.00150	.00230	.00100	.62300	.03757
.200	14.460	.63430	.11690	.03620	.64340	-.04521	-.00100	.00110	.00000	.63100	.03979
.200	16.540	.75430	.15890	.02750	.76840	-.06242	-.00100	.00110	.00000	.63800	.04166
.200	18.640	.86920	.20860	.02090	.89030	-.08024	-.00220	.00230	.00200	.64300	.04343
.200	20.710	.97750	.27430	.01400	1.01130	-.08913	.00220	.00440	-.00600	.64700	.04732
.200	22.770	1.06020	.34520	.01220	1.11120	-.09270	.00120	.00560	-.00300	.64800	.05031
.200	24.850	1.14600	.41520	.01180	1.21440	-.10494	.00200	.00330	-.00400	.64800	.05451
.200	26.930	1.21990	.49660	.01060	1.31260	-.10982	.00230	.00240	-.00800	.64900	.05922
.200	28.940	1.24500	.55840	.00720	1.35980	-.11390	.00130	.00310	-.00700	.64400	.06387
.200	30.860	1.06230	.53110	.00820	1.18440	-.08904	-.00020	.01210	-.02200	.62100	.07858
GRADIENT		.04554	-.00082	-.00072	.04608	.00036	.00001	-.00200	-.00039	-.02914	-.00024

QM62B B26C9 W7F8 W16E3UW85X9

(R02248) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEWON = .000 AILRON = .000
RUDDER = .000 SPDRK = 25.000

RUN NO. 248/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.160	-.24840	.04120	.04500	-.25070	.02312	-.00170	.00220	.00600	.71800	.03818
.200	-2.100	-.15570	.03410	.04390	-.15680	.02842	-.00180	.00210	.00500	.75500	.02899
.200	-1.050	-.10450	.03300	.04370	-.10910	.03094	-.00180	.00230	.00500	.79900	.02832
.200	-.030	-.06110	.03220	.04410	-.06110	.03226	-.00180	.00230	.00400	.91700	.02717
.200	.970	-.01670	.03110	.04400	-.01620	.03139	-.00170	.00220	.00400	1.65000	.02830
.200	2.020	.03140	.03110	.04400	.03230	.03000	-.00170	.00220	.00400	.15300	.03808
.200	4.160	.12630	.03440	.04420	.12830	.02521	-.00170	.00210	.00300	.52500	.03648
.200	6.160	.22240	.03990	.04300	.22540	.01584	-.00170	.00210	.00300	.58100	.03644
.200	8.250	.32050	.05000	.04150	.32430	.00353	-.00170	.00210	.00200	.60000	.03558
.200	10.310	.41870	.06470	.04150	.42350	-.01126	-.00170	.00210	.00100	.62300	.03638
.200	12.360	.52060	.08550	.04060	.52680	-.02796	-.00150	.00210	.00100	.63100	.03826
.200	14.440	.63150	.11720	.03580	.64080	-.04396	-.00110	.00120	.00100	.63100	.03273
.200	16.530	.75380	.15800	.02790	.76760	-.06307	-.00090	.00120	.00100	.63800	.04220
.200	18.620	.87150	.20800	.02160	.89230	-.08123	-.00200	.00260	.00100	.64300	.04398
.200	20.700	.97940	.27470	.01510	1.01330	-.09935	-.00260	.00470	-.00200	.64600	.04691
.200	22.780	1.06540	.34660	.01400	1.11650	-.10298	.00180	.00570	-.00600	.64700	.05002
.200	24.860	1.13350	.41730	.01230	1.22210	-.10650	.00260	.00470	-.00900	.64800	.05539
.200	26.930	1.22640	.49810	.01140	1.31900	-.11129	.00200	.00340	-.00900	.64800	.05968
.200	28.990	1.26830	.56740	.02170	1.38440	-.11837	.00190	.00480	-.01100	.64600	.06452
.200	30.880	1.10440	.54860	.08350	1.22940	-.09599	-.00320	.02780	-.03500	.62500	.07787
GRADIENT		.04511	-.00080	-.00006	.04565	.00027	.00401	-.00001	-.00034	-.02647	-.00020

Q4628 B26C9 W7F8 M16E3JW8R5X9

(RDZ249) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.0000
 ELEVEN = 5.0000 AILRON = .0000
 RUDDER = .0000 SPDBRK = 25.0000

RUN NO. 249/0 RV/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.100	-1.5770	.03690	-1.15990	.02556	-.00160	.00260	.00500	.66200	.04058
.200	-2.050	-.06610	.03340	-.06720	.03104	-.00170	.00270	.00600	.67500	.04064
.200	-1.000	-.01870	.03330	-.01930	.03298	-.00170	.00260	.00600	.72900	.03985
.200	.020	.02730	.03280	.02730	.03285	-.00160	.00270	.00400	.59600	.04061
.200	1.040	.07340	.03400	.07400	.03273	-.00160	.00270	.00400	.63100	.03947
.200	2.070	.12250	.03490	.12360	.03047	-.00150	.00280	.00400	.64100	.04024
.200	4.140	.21600	.00330	.21840	.02551	-.00170	.00250	.00500	.64600	.03839
.200	6.200	.31220	.00250	.31570	.01465	-.00180	.00250	.00400	.64900	.03883
.200	8.280	.40800	.00140	.41260	.00225	-.00180	.00250	.00300	.65000	.03778
.200	10.330	.50730	.00080	.51320	-.01161	-.00160	.00250	.00200	.65100	.03912
.200	12.430	.60900	-.00020	.61710	-.02976	-.00150	.00240	.00100	.65200	.03929
.200	14.510	.72180	-.00440	.73330	-.04766	-.00090	.00120	.00000	.65400	.04156
.200	16.620	.84310	-.01300	.86060	-.06485	-.00120	.00120	.00000	.65700	.04295
.200	18.670	.95770	-.01880	.98300	-.08269	-.00190	.00260	.00100	.65900	.04537
.200	20.760	1.05990	-.02340	1.09980	-.08905	-.00380	.00620	-.01100	.66000	.04845
.200	22.830	1.14200	-.02740	1.20310	-.08540	-.00040	.00490	-.00200	.66000	.05344
.200	24.910	1.22800	-.02860	1.30860	-.09755	.00000	.00490	-.00400	.66000	.05762
.200	26.960	1.30170	-.02930	1.40680	-.10558	.00070	.00540	-.00090	.65900	.06204
.200	29.000	1.30940	-.00440	1.43460	-.11304	.00180	.00710	-.01600	.65300	.06763
.200	30.950	1.12180	.07240	1.25440	-.08940	-.00300	.02230	-.03000	.63000	.08237
.200	GRADIENT	.04542	.07048	.04598	-.00024	.00000	-.00000	-.00014	-.00530	-.03023

04628 B26C9 47F8 W16E3D40R5X9

(R02Z50) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 53.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0403 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEWON = -10.000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 250/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.270	-4.5150	.13360	-4.5500	.02956	-.00120	.00090	.00600	.76000	.03303
.200	-2.210	-3.5610	.13170	-3.5780	.03744	-.00130	.00060	.00500	.78700	.03329
.200	-1.170	-3.0850	.13110	-3.0940	.03944	-.00130	.00060	.00500	.80800	.03353
.200	-.120	-2.5820	.13050	-2.5830	.04224	-.00150	.00070	.00600	.83800	.03190
.200	.880	-2.1390	.13100	-2.1320	.04142	-.00140	.00060	.00400	.87800	.03332
.200	1.930	-1.6650	.13060	-1.6520	.04186	-.00140	.00080	.00400	.94300	.03228
.200	3.980	-.07430	.13060	-.07190	.03718	-.00140	.00110	.00300	1.32000	.03276
.200	6.040	.01950	.13100	.02270	.02934	-.00130	.00120	.00300	-1.46900	.03241
.200	8.110	.11220	.13100	.11600	.01843	-.00130	.00130	.00200	.23600	.03181
.200	10.190	.21240	.13250	.21660	.00456	-.00120	.00160	.00200	.42700	.03314
.200	12.260	.31240	.13140	.31730	-.01070	-.00120	.00170	.00100	.49900	.03400
.200	14.320	.42560	.12750	.43270	-.02582	-.00050	.00090	.00000	.54300	.03556
.200	16.420	.54450	.12230	.55480	-.04364	-.00020	.00210	-.00100	.57100	.03838
.200	18.510	.65480	.11850	.67030	-.06337	-.00090	.00360	.00000	.58700	.04010
.200	20.630	.76980	.11130	.79620	-.07008	.00220	.00510	-.00500	.60000	.04269
.200	22.680	.87420	.10500	.91430	-.07972	.00090	.00680	-.00500	.60900	.04679
.200	24.750	.96040	.10440	1.01630	-.08950	.00040	.00480	-.00300	.61400	.05094
.200	26.830	1.04400	.10030	1.11910	-.10058	.00140	.00380	-.00500	.61900	.05463
.200	28.920	1.10520	.10170	1.20270	-.10853	.00090	.00470	-.00600	.62100	.05702
.200	30.860	1.03760	.14000	1.15040	-.09773	-.00150	.02370	-.03000	.60700	.06718
.200	GRADIENT	.04576	-.00376	.04648	.00096	-.00003	.00003	-.00035	.06046	-.00008

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TABULATED SOURCE DATA - QM62B

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QM62B B26C9 M7F8 W116E31V0R5Y9

(R0Z251) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0005 BDFLAP = -12.000
ELEVON = -10.000 AILTON = .000
RUDDER = .0005 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 251/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.270	-4.6390	.06380	.14060	-4.6730	.02911	-.00150	.00190	.00600	.76200	.03230
.200	-2.210	-3.6950	.05080	.13910	-3.7120	.03655	-.00160	.00170	.00600	.79000	.03265
.200	-1.150	-3.2060	.04680	.13830	-3.2150	.04338	-.00160	.00170	.00500	.81000	.03117
.200	-.140	-2.7550	.04190	.13840	-2.7560	.04127	-.00170	.00171	.00500	.83600	.03202
.200	.860	-2.2850	.03890	.13820	-2.2790	.04243	-.00170	.00171	.00500	.87500	.03110
.200	1.900	-1.6280	.03500	.13840	-1.6150	.04107	-.00170	.00171	.00400	.93200	.03213
.200	3.960	-.06720	.03090	.13860	-.08490	.03695	-.00160	.00180	.00300	1.25300	.03208
.200	6.040	.00670	.03090	.13890	.00990	.03009	-.00160	.00190	.00200	-4.46500	.03039
.200	8.120	.10340	.03370	.13910	.10710	.01878	-.00150	.00200	.00300	.17400	.03045
.200	10.160	.19600	.04170	.13950	.20030	.00653	-.00160	.00210	.00300	.39500	.03035
.200	12.240	.29790	.05480	.14030	.31280	-.00060	-.00160	.00200	.00200	.48100	.03267
.200	14.330	.40770	.07760	.13650	.41420	-.02571	-.00100	.00190	.00200	.53000	.03440
.200	16.410	.52730	.11180	.13040	.53750	-.04169	-.00070	.00150	.00200	.56200	.03518
.200	18.490	.64120	.15130	.12750	.65610	-.05888	-.00140	.00260	.00200	.58100	.03448
.200	20.590	.75540	.20770	.12040	.78120	-.07127	-.00130	.00330	-.00400	.59500	.04193
.200	22.670	.85530	.27220	.11590	.89420	-.07850	.00050	.00530	-.00400	.60400	.04294
.200	24.730	.93840	.33580	.11590	.99280	-.08760	-.00020	.00380	-.00200	.60900	.04668
.200	26.820	1.02270	.40190	.11410	1.09410	-.10289	.00010	.00390	-.00400	.61300	.05099
.200	28.890	1.08800	.47830	.11110	1.18370	-.10685	.00100	.00420	-.00600	.61700	.05612
.200	30.870	1.02150	.49970	.14930	1.13320	-.09526	-.00100	.02170	-.02800	.60300	.06804
GRADIENT		.04571	-.00397	-.00022	.04641	.00099	-.00062	-.00001	-.00037	.05359	-.00005

0462B B26C9 W7F0 W16E31W85X0

(02252) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2289 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BOFLAP = -12.000
ELEVON = 5.0000 AILRON = .0000
RUDDER = .0000 SPDRK = 25.0000

RUN NO. 252/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.110	-16160	.03770	.00560	-16390	.02601	-.00160	.00240	.00700	.66400	.03955
.200	-2.050	-106850	.03390	.00520	-106970	.03148	-.00160	.00240	.00500	.67900	.03976
.200	-1.020	-02190	.03240	.00500	-02240	.03201	-.00160	.00250	.00500	.73400	.04023
.200	.000	.02410	.03420	.00480	.02410	.03425	-.00150	.00250	.00500	.57800	.03814
.200	1.030	.07110	.03330	.00490	.07170	.03206	-.00160	.00260	.00400	.62800	.03945
.200	2.070	.11800	.03570	.00430	.11920	.03149	-.00160	.00250	.00400	.63800	.03822
.200	4.140	.21500	.03970	.00430	.21730	.02413	-.00160	.00240	.00400	.64400	.03909
.200	6.200	.30950	.04870	.00300	.31290	.03497	-.00180	.00230	.00400	.64800	.03832
.200	8.290	.40850	.06140	.00200	.41310	.00187	-.00160	.00220	.00300	.65000	.03759
.200	10.350	.50710	.07680	.00150	.51300	-.00363	-.00170	.00220	.00200	.65100	.03872
.200	12.420	.60830	.10320	.00130	.61620	-.03002	-.00150	.00210	.00200	.65100	.03937
.200	14.500	.72340	.13850	-.00520	.73110	-.04709	-.00100	.00110	.00000	.65400	.04112
.200	16.570	.84580	.18330	-.01360	.85820	-.06420	-.00120	.00080	.00000	.65800	.04289
.200	18.670	.95910	.23550	-.01930	.98440	-.08298	-.00210	.00190	.00200	.65900	.04558
.200	20.770	1.06410	.30750	-.02530	1.10430	-.08996	.00350	.00530	.00900	.66000	.04896
.200	22.870	1.14660	.38920	-.02920	1.20800	-.10658	-.00010	.00480	.00200	.66100	.05401
.200	24.910	1.23270	.46100	-.03130	1.31220	-.10110	.00470	.00470	.00200	.66200	.05870
.200	27.010	1.30020	.53960	-.02830	1.40350	-.10984	.00230	.00480	.00200	.65900	.06310
.200	29.000	1.31860	.60060	-.00840	1.44440	-.11402	.00150	.00660	.00200	.65400	.06920
.200	30.890	1.13380	.57130	.06820	1.26360	-.09039	-.00440	.02330	.00200	.63200	.08215
GRADIENT		.04556	.09429	-.00016	.04612	-.00017	-.00000	.00001	-.00035	-.00621	-.00013

(RDZ33) (07 JUN 74)

04628 B26C9 M7F8 W116E31 W0R539

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0020 BDFLAP = -12.000
ELEVON = 15.0000 AILRON = .000
RUDDER = .0000 SPC'RK = 25.0000

RUN NO. 253/0 RN/. = 1.42 GRADIENT INTERVAL = -6.00/ 5.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-3.985	.03610	.03860	-.08590	.03330	.04108	-.00130	.00290	.00300	1.60100	.04675
.200	-1.920	.13070	.04160	-.08670	.12930	.04497	-.00130	.00300	.00400	.89900	.04570
.200	-1.900	.17580	.04320	-.08750	.17510	.04605	-.00140	.00290	.00500	.83600	.04616
.200	.110	.22210	.04740	-.08730	.22220	.04704	-.00150	.00290	.00400	.79600	.04443
.200	1.140	.27050	.05120	-.08780	.27150	.04660	-.00150	.00290	.00400	.77100	.4516
.200	2.170	.31560	.05520	-.08760	.31750	.04328	-.00150	.00280	.00300	.75300	.4434
.200	4.270	.40620	.06680	-.08610	.41000	.03635	-.00160	.00290	.00300	.72900	.04308
.200	6.320	.49790	.08140	-.08680	.50390	.02611	-.00190	.00250	.00400	.71500	.04219
.200	8.430	.59160	.10900	-.08670	.59880	.01141	-.00180	.00220	.00400	.70500	.04223
.200	10.430	.69560	.12650	-.08140	.70700	-.00161	-.00210	.00270	.00300	.69900	.04110
.200	12.520	.81540	.15890	-.08570	.82070	-.01960	-.00180	.00220	.00200	.69500	.04322
.200	14.660	.91560	.20010	-.10010	.93640	-.03817	-.00140	.00110	.00000	.69100	.04592
.200	16.670	1.02490	.25230	-.10580	1.05420	-.05235	-.00160	.00100	.00100	.68900	.04543
.200	18.790	1.14530	.31350	-.11310	1.18530	-.07222	-.00290	.00140	.00400	.68700	.04910
.200	20.860	1.22790	.38930	-.11300	1.26530	-.07291	.00620	.01100	.02000	.68400	.05440
.200	22.920	1.30930	.47830	-.11840	1.39220	-.06938	.00020	.00450	.00300	.68300	.06005
.200	24.990	1.38970	.55920	-.11710	1.49580	-.08042	.00210	.00410	.00900	.68000	.06558
.200	27.070	1.43510	.63640	-.11690	1.56750	-.08651	.00080	.00670	.01300	.67700	.06987
.200	29.040	1.36260	.65030	-.04950	1.50770	-.09298	.00190	.00620	.01700	.66400	.07874
.200	30.920	1.11370	.61320	.03440	1.29480	-.06435	-.00350	.01060	.01200	.64200	.08963
GRADIENT		.04496	.00342	-.00076	.04576	-.00037	-.00004	-.00001	-.00025	-.00878	-.00043

04628 B26C9 W7F8 W16E31W85X9

(022254) (07 JUN 74)

REFERENCE DATA

SEEF = 4.4119 SQ.FT. DMWP = 43.5974 INCHES
 LSEF = 19.2299 INCHES YMRP = .0000 INCHES
 BSEF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000
 BOFLAP = -12.000
 ELEWOM = .000
 ALLROM = .000
 RUDDER = .000
 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 254/ 0 RW/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CLF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.160	-25690	.04160	.04810	-25920	.02284	-.00160	.00280	.00600	.72000	.03775
.200	-2.060	-16220	.03480	.04740	-16330	.02892	-.00170	.00270	.00500	.75900	.03790
.200	-1.060	-11480	.03330	.04750	-11540	.03117	-.00160	.00270	.00400	.80300	.03735
.200	-.040	-.07120	.03200	.04700	-.07130	.03199	-.00160	.00260	.00400	.89400	.03706
.200	.970	-.02210	.03100	.04740	-.02160	.03151	-.00160	.00280	.00300	1.46000	.03726
.200	2.020	.02440	.03180	.04690	.02550	.03094	-.00170	.00270	.00400	-.02200	.03632
.200	4.060	.12030	.03400	.04740	.12240	.02535	-.00150	.00270	.00200	.50300	.03628
.200	6.150	.21660	.03940	.04650	.21960	.01595	-.00170	.00240	.00200	.57400	.03590
.200	8.220	.31380	.04810	.04500	.31750	.00273	-.00170	.00240	.00200	.59900	.03610
.200	10.290	.41900	.06280	.04450	.41760	-.01201	-.00150	.00270	.00100	.61300	.03683
.200	12.410	.51720	.08480	.04390	.52340	-.02632	-.00140	.00250	.00000	.62100	.03742
.200	14.560	.62800	.11610	.03850	.63710	-.04444	-.00190	.00130	.00000	.62900	.03881
.200	16.530	.75110	.15780	.03020	.76490	-.06251	-.00280	.00130	-.00100	.63700	.04124
.200	18.640	.86840	.21780	.02370	.86930	-.08080	-.00190	.00260	.00100	.64200	.04315
.200	20.720	.97710	.27330	.01700	1.01060	-.09711	.00230	.00410	-.00700	.64500	.04599
.200	22.760	1.06090	.35090	.01280	1.11410	-.08703	-.00240	.00540	-.00200	.64700	.05157
.200	24.860	1.15030	.42510	.01540	1.22250	-.08791	.00200	.00440	-.00700	.64900	.05522
.200	26.930	1.22130	.49570	.01340	1.31250	-.11091	.00210	.00450	-.01000	.64800	.05922
.200	28.940	1.26080	.56470	.02300	1.37660	-.11700	.00150	.00560	-.01100	.64500	.06437
.200	30.890	1.10280	.54800	.08940	1.22770	-.04586	-.00190	.02440	-.03000	.62500	.07797
.200	GRADIENT	.04572	-.00089	-.00019	.04626	.00033	.00001	-.00001	-.00044	-.04086	-.00020

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TABULATED SOURCE DATA - QM628

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QM628 B26C9 W7F8 W116E32V8R5X9

(RDZ255) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 41.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 FLEWON = .000 AILRON = .000
 RUDDER = .000 SPDERR = 25.000

RUN NO. 255/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/6.00

WACH	ALPHA	CL	CLF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.150	-.24830	.04140	.04460	-.25060	.02335	-.00180	.00270	.00700	.71700	.03767
.200	-2.090	-.15450	.03470	.04420	-.15570	.02905	-.00170	.00250	.00500	.75600	.03817
.200	-1.040	-.10790	.03360	.04420	-.10850	.03169	-.00160	.00260	.00500	.80200	.03724
.200	-.040	-.06270	.03160	.04400	-.06270	.03155	-.00170	.00270	.00500	.91000	.03817
.200	.990	-.01530	.03130	.04400	-.01470	.03165	-.00170	.00260	.00400	.17480	.03755
.200	2.520	.03250	.03120	.04390	.03350	.03110	-.00160	.00270	.00400	.17000	.03760
.200	4.110	.12590	.03380	.04350	.12800	.02472	-.00150	.00270	.00200	.52600	.03696
.200	6.150	.22280	.03950	.04310	.22570	.01544	-.00150	.00250	.00300	.58100	.03687
.200	8.220	.32140	.04980	.04150	.32520	.00334	-.00160	.00250	.00200	.60900	.03602
.200	10.300	.42160	.06420	.04100	.42630	-.01214	-.00150	.00270	.00100	.61600	.03711
.200	12.380	.52510	.08590	.04020	.52931	-.02825	-.00130	.00240	.00000	.62400	.03828
.200	14.470	.63580	.11820	.03570	.64500	-.04441	-.00090	.00130	.00000	.63100	.03880
.200	16.550	.75660	.15930	.02750	.77060	-.06291	-.00090	.00110	.00000	.63800	.04185
.200	18.630	.87370	.20920	.02150	.89480	-.08091	-.00180	.00280	.00100	.64300	.04375
.200	20.710	.97960	.27420	.01590	1.01330	-.08999	.00260	.00460	-.00800	.64600	.04659
.200	22.800	1.06540	.33330	.01260	1.11910	-.08723	-.00340	.00530	-.00300	.64800	.05072
.200	24.860	1.15150	.42190	.01250	1.22220	-.10141	.00340	.00470	-.00300	.64800	.05487
.200	26.950	1.22710	.50300	.01080	1.32180	-.10774	.00340	.00550	-.00800	.64900	.06012
.200	29.970	1.26420	.56620	.02370	1.38020	-.11702	.00130	.00560	-.01100	.64500	.06530
.200	30.890	1.10550	.54900	.08920	1.23050	-.09659	-.00330	.02750	-.00300	.62500	.07915
	GRADIENT	.04235	-.00091	-.00012	.04589	.00017	.00003	.00001	-.00053	-.02307	-.00009

Q4628 B26C9 M7F8 W16E33MR5X9

(PD2256) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 SREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.000
 ELEVON = .0000 AILRUN = .0000
 RUDDER = .0000 SPDBRK = 25.000

RUN NO. 256/ 0 RV/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CLM	CN	CDF	CY	CBL	CYN	CY	XCP/L	CAB
.200	-4.140	-2.4710	.04150	-2.4940	.02359	-.00160	.00260	-.00160	.00600	.71600	.13774
.200	-2.080	-1.3400	.04330	-1.5520	.02857	-.00160	.00270	-.00160	.00500	.75400	.13890
.200	-1.050	-1.0760	.03330	-1.1080	.03131	-.00170	.00260	-.00170	.00400	.79200	.05786
.200	-.020	-.06070	.04310	-.06070	.03112	-.00170	.00260	-.00170	.00500	.91300	.02874
.200	.990	-.02430	.03080	-.01370	.03111	-.00170	.00260	-.00170	.00500	1.81300	.02850
.200	2.060	.03430	.03270	.03550	.05145	-.00160	.00270	-.00160	.00300	.20200	.02584
.200	4.110	.12810	.03450	.13020	.02524	-.00150	.00260	-.00150	.00300	.53000	.03714
.200	6.170	.22360	.04040	.22660	.01618	-.00160	.00250	-.00160	.00200	.58300	.03591
.200	8.230	.32230	.04940	.32600	.07271	-.00160	.00230	-.00160	.00200	.60500	.03674
.200	10.320	.42130	.06520	.42620	-.01135	-.00160	.00250	-.00160	.00100	.61700	.03658
.200	12.370	.52400	.08610	.53030	-.02819	-.00140	.00220	-.00140	.00000	.62400	.03351
.200	14.470	.63420	.11660	.64330	-.04544	-.00090	.00140	-.00090	.00000	.63100	.04018
.200	16.530	.75480	.15880	.76380	-.06253	-.00090	.00110	-.00090	.00000	.63800	.04160
.200	18.650	.87280	.20960	.89470	-.08063	-.00180	.00280	-.00180	.00000	.64300	.04329
.200	20.700	.97750	.27310	1.01110	-.09017	-.00250	.00410	-.00250	-.00700	.64600	.04634
.200	22.780	1.06550	.35180	1.11860	-.08832	-.00040	.00530	-.00040	.00300	.64700	.05194
.200	24.880	1.14920	.42100	1.21960	-.10158	.00050	.00550	.00050	.00700	.64800	.05531
.200	26.950	1.22160	.49750	1.31440	-.10979	.00140	.00520	-.00140	.01100	.64800	.06022
.200	28.970	1.25690	.56390	1.37280	-.11533	.00140	.00580	.00140	.01200	.64500	.06428
.200	30.890	1.10420	.54800	1.22900	-.09679	-.00280	.02050	-.00280	.02700	.62400	.07862
.200	GRADIENT	.04549	-.00077	.04604	.00028	.00001	.00000	.00001	-.00035	-.01978	-.00014

DATE 02 JUL 74

TABULATED SOURCE DATA - CM628

PAGE 191

CM628 B26C9 M7F8 W16E34V8R5X9

(RDZ257) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 257/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.160	-2.4700	.04230	.04820	-25940	.02355	-.00160	.00270	.00700	.72000	.03690
.200	-2.090	-1.1620	.03350	.04770	-16360	.02958	-.00160	.00270	.00600	.75900	.03744
.200	-1.030	-1.1560	.03310	.04760	-11620	.03106	-.00150	.00270	.00500	.80200	.03775
.200	-1.020	-0.7000	.03270	.04740	-07000	.03271	-.00160	.00270	.00500	.90100	.03628
.200	.980	-0.2360	.03180	.04720	-02300	.03222	-.00160	.00260	.00400	1.40500	.03687
.200	2.030	.02340	.03180	.04710	.02450	.03096	-.00160	.00270	.00500	-.05300	.03643
.200	4.120	.12120	.03390	.04710	.12340	.02518	-.00150	.00270	.00400	.51100	.03655
.200	6.150	.21510	.04160	.04600	.21820	.01731	-.00150	.00260	.00300	.57400	.03464
.200	8.200	.31710	.04930	.04400	.32100	.00333	-.00150	.00230	.00300	.60100	.03557
.200	10.290	.41360	.06330	.04370	.41820	-.01156	-.00150	.00250	.00300	.61300	.03648
.200	12.300	.51310	.08420	.04340	.51940	-.02710	-.00130	.00240	.00100	.62100	.03696
.200	14.510	.62930	.11610	.03880	.63830	-.04529	-.00080	.00140	.00000	.62900	.03896
.200	16.540	.74990	.15830	.03040	.76390	-.06186	-.00080	.00160	.00000	.63700	.04182
.200	18.630	.86920	.20820	.02430	.89020	-.08047	-.00170	.00300	.00000	.64200	.04310
.200	20.710	.97340	.27400	.01790	1.00740	-.08790	-.00330	.00510	-.00800	.64500	.04582
.200	22.800	1.06160	.35150	.01310	1.11490	-.08734	-.00030	.00550	-.00300	.64700	.05104
.200	24.860	1.14570	.41990	.01420	1.21610	-.10076	-.00040	.00510	-.00500	.64700	.05450
.200	26.930	1.21750	.49520	.01430	1.30980	-.11001	.00210	.00470	-.01000	.64800	.05915
.200	28.980	1.26010	.56560	.02360	1.37630	-.11575	.00160	.00600	-.01100	.64500	.06463
.200	30.900	1.10640	.55130	.08890	1.23240	-.09920	-.00260	.00270	-.03400	.62500	.07741
.200	GRADIENT	.04557	-.00098	-.00014	.04613	.00024	.00001	-.00000	-.00035	-.04306	-.00010

0A628 B26C9 W7F8 V116E34W8R5X9

(RDZ2258) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 5.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 258/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.595	-1.6235	.03590	.00590	-1.6450	.02429	-.00170	.00250	.00500	.66500	.04047
.200	-2.040	-.06890	.03310	.00530	-.07010	.03061	-.00180	.00260	.00500	.68000	.04078
.200	-1.020	-.02180	.03340	.00540	-.02240	.03300	-.00170	.00260	.00400	.74100	.03504
.200	.000	-.02530	.03260	.00520	.02530	.03267	-.00170	.00260	.00400	.57500	.03999
.200	1.030	.07260	.03330	.00490	.07320	.03201	-.00170	.00250	.00300	.62700	.03998
.200	2.060	.11310	.03530	.00490	.11930	.03111	-.00170	.00250	.00400	.63600	.03887
.200	4.130	.21410	.03950	.00460	.21640	.02405	-.00170	.00240	.00300	.64400	.03947
.200	6.200	.31180	.04990	.00310	.31540	.01590	-.00180	.00220	.00300	.64800	.03700
.200	8.290	.41120	.06190	.00180	.41580	.00199	-.00180	.00210	.00200	.65000	.03769
.200	10.340	.50910	.07870	.00170	.51500	-.01394	-.00190	.00220	.00100	.65000	.03887
.200	12.450	.60900	.10360	.00030	.61700	-.02991	-.00160	.00230	.00000	.65100	.03930
.200	14.500	.72190	.13850	-.00430	.73360	-.04661	-.00100	.00110	.00000	.65400	.04329
.200	16.580	.84030	.18390	-.01300	.85790	-.06351	-.00110	.00060	.00000	.65700	.04234
.200	18.660	.95760	.23600	-.01890	.98280	-.08285	-.00200	.00230	.00000	.65900	.04576
.200	20.740	1.05940	.30730	-.02360	1.09950	-.08783	.00420	.00640	-.01200	.66000	.04845
.200	22.830	1.14600	.38870	-.02960	1.20700	-.08640	-.00020	.00550	-.00400	.66100	.05447
.200	24.940	1.23490	.46870	-.03180	1.31740	-.09572	.00220	.00480	-.01000	.66100	.05782
.200	26.990	1.29610	.53880	-.02560	1.39950	-.10812	.00240	.00440	-.01200	.65800	.06255
.200	29.010	1.30030	.59410	-.00370	1.42530	-.11112	.00130	.00570	-.01300	.65300	.06920
.200	30.880	1.10020	.56110	.07720	1.23220	-.08315	-.00410	.01640	-.01800	.62900	.08333
	GRADIENT	.045.7	.00044	-.00015	.04632	-.00003	.00000	-.00002	-.00025	-.00061	-.00016

04628 B26C9 W7F8 W116E34W8R5X9

(RDZ259) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = -10.000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 259/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.260	-4.46360	.06360	.14070	-.46700	.02899	-.00160	.00150	.00600	.76300	.03207
.200	-2.200	-3.69800	.05230	.13900	-.37160	.03800	-.00170	.00150	.00600	.78900	.03121
.200	-1.150	-3.21200	.04590	.13880	-.32210	.03941	-.00170	.00150	.00600	.81000	.03246
.200	-.140	-2.74800	.04190	.13850	-.27490	.04122	-.00160	.00150	.00500	.83700	.03208
.200	.860	-2.22870	.03800	.13850	-.22810	.04154	-.00180	.00140	.00400	.87500	.03222
.200	1.900	-1.80700	.03590	.13800	-.17940	.04194	-.00190	.00140	.00500	.93500	.03102
.200	3.970	-1.08730	.03150	.13780	-.08490	.03756	-.00170	.00160	.00300	1.24900	.03099
.200	6.030	.00670	.03050	.13840	.02990	.02963	-.00180	.00170	.00300	-4.48400	.03107
.200	8.100	.10530	.03370	.13770	.10910	.01858	-.00170	.00150	.00300	.18700	.03059
.200	10.180	.20180	.04130	.13820	.20590	.03507	-.00180	.00140	.00300	.40500	.03150
.200	12.260	.30160	.05580	.13760	.30650	-.00954	-.00170	.00150	.00200	.48600	.03219
.200	14.340	.41260	.07930	.13470	.41930	-.02539	-.00120	.00130	.00200	.53300	.03368
.200	16.410	.53210	.11210	.12800	.54210	-.04279	-.00110	.00170	.00200	.56500	.03622
.200	18.500	.64200	.15280	.12560	.65730	-.05889	-.00140	.00280	.00200	.58100	.03707
.200	20.590	.75300	.20170	.12230	.77580	-.07605	-.00120	.00300	.00200	.59400	.04012
.200	22.690	.85440	.27530	.11560	.89450	-.07560	-.00120	.00470	.00100	.60500	.04345
.200	24.740	.93910	.33640	.11570	.99370	-.08760	-.00040	.00430	-.00200	.60900	.04679
.200	26.810	1.02050	.40530	.11300	1.09360	-.09854	.00100	.00420	-.00500	.61400	.05106
.200	28.880	1.08770	.47760	.11160	1.18310	-.10711	.00030	.00490	-.00500	.61700	.05515
.200	30.840	1.03370	.50380	.14700	1.14580	-.09749	-.00020	.01730	-.02400	.60400	.06549
GRADIENT		.04581	-.00392	-.00032	.04653	.00102	-.00002	.00000	-.00035	.05339	-.00011

(07 JUN 74)

04628 B26C9 W7F8 W16E34V8R5X9

PARAMETRIC DATA

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.9974 INCHES
IREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .0000 BDELAP = -12.0000
ELEVON = 15.0000 AILRON = .0000
RUDDER = .0000 SPDBRK = 25.0000

RUN NO. 260/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.010	.03600	.03940	-.08590	.03320	.04184	-.00120	.00290	.00400	1.60400	.04622
.200	-1.970	.12440	.04140	-.08700	.12290	.04572	-.00110	.00320	.00400	.91200	.04596
.200	-.910	.17240	.04460	-.08690	.17160	.04739	-.00110	.00330	.00300	.83800	.04592
.200	.080	.21330	.04910	-.08640	.21330	.04879	-.00060	.00370	.00100	.79900	.04439
.200	1.140	.25980	.05220	-.08610	.26080	.04700	-.00060	.00400	.00000	.77300	.04513
.200	2.190	.30400	.05760	-.08490	.30600	.04592	-.00040	.00430	.00000	.75400	.04347
.200	4.210	.39000	.06690	-.08270	.39390	.03816	-.00040	.00430	.00000	.72900	.04351
.200	6.290	.47610	.08070	-.08110	.48210	.02812	-.00020	.00470	.00000	.71400	.04203
.200	8.340	.57170	.09950	-.08220	.58010	.01548	-.00050	.00510	-.00200	.70400	.04163
.200	10.430	.68960	.12670	-.09090	.70120	-.00028	-.00100	.00410	.00000	.69900	.04190
.200	12.520	.80030	.15890	-.09530	.81570	-.01834	-.00090	.00380	-.00100	.69500	.04421
.200	14.600	.91130	.20250	-.10160	.93300	-.03376	-.00020	.00260	-.00300	.69200	.04474
.200	16.660	1.02640	.25300	-.10920	1.05990	-.05185	-.00050	.00090	-.00100	.69000	.04780
.200	18.760	1.14020	.31360	-.11410	1.18050	-.06980	-.00160	.00280	.00000	.68700	.04956
.200	20.840	1.21920	.38850	-.11040	1.27770	-.07076	.00700	.01300	-.02300	.68300	.05447
.200	22.900	1.30280	.47630	-.11680	1.38540	-.06831	.00090	.00770	-.00800	.68300	.06190
.200	24.990	1.38020	.55880	-.11660	1.48710	-.07665	.00290	.00670	-.01300	.68100	.06474
.200	27.010	1.43100	.63390	-.10710	1.56280	-.08524	.00170	.00700	-.01500	.67700	.07111
.200	29.010	1.53540	.64090	-.04080	1.47860	-.08733	.00280	.01300	-.02900	.66200	.07744
.200	30.910	1.15380	.61410	.03210	1.30540	-.06583	-.00430	.02030	-.02700	.64300	.09017
GRADIENT		.04307	.00347	.00041	.04389	-.00034	.00012	.00020	-.00062	-.08368	-.00038

Ca628 B26C9 W7F8 W116E35W85X9

(RDZ261) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 261/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.150	-2.2480	.04140	.04470	-25090	.02331	-.00160	.00230	.00600	.71700	.03785
.200	-2.090	-1.15600	.03500	.04410	-15720	.02935	-.00170	.00240	.00600	.75500	.03782
.200	-1.040	-1.0770	.03320	.04410	-10830	.03127	-.00170	.00230	.00600	.80200	.03741
.200	-.030	-.06310	.03150	.04390	-.06310	.03147	-.00180	.00230	.00500	.90800	.03787
.200	1.000	-.01460	.03200	.04380	-.01400	.03230	-.00170	.00230	.00400	1.79900	.03676
.200	2.020	.03160	.03230	.04360	.03280	.03116	-.00160	.00230	.00400	.16300	.03685
.200	4.090	.12480	.03450	.04380	.12700	.02550	-.00170	.00230	.00300	.52500	.03543
.200	6.140	.22130	.04020	.04280	.22440	.01633	-.00160	.00230	.00200	.58100	.03581
.200	8.220	.31990	.04910	.04100	.32370	.00283	-.00170	.00210	.00300	.60500	.03651
.200	10.280	.41890	.06500	.04040	.42370	-.00180	-.00180	.00220	.00200	.61700	.03585
.200	12.380	.52460	.08520	.03970	.53070	-.00150	-.00160	.00220	.00000	.62400	.03903
.200	14.460	.63520	.11720	.03560	.64430	-.04512	-.00110	.00130	.00000	.63100	.03966
.200	16.530	.75520	.15870	.02720	.76910	-.06266	-.00120	.00090	.00000	.63900	.04185
.200	18.640	.87160	.20900	.02220	.89270	-.08054	-.00210	.00270	.00200	.64200	.04331
.200	20.720	.97560	.27390	.01630	1.00940	-.08894	-.00290	.00470	-.00800	.64600	.04642
.200	22.780	1.06100	.35000	.01340	1.11380	-.08808	-.00070	.00540	-.00200	.64700	.05071
.200	24.890	1.15030	.42190	.01290	1.22100	-.10143	.00030	.00560	-.00700	.64800	.05565
.200	26.920	1.21970	.49610	.01270	1.31220	-.10995	.00210	.00480	-.01100	.64800	.05931
.200	28.970	1.25800	.56280	.02450	1.37320	-.11710	.00160	.00570	-.01100	.64500	.06616
.200	30.900	1.10990	.55160	.08730	1.23560	-.09665	-.00260	.02980	-.03900	.62600	.07883
GRADIENT	.04538	-.00079	-.00011	-.00011	.04595	.00031	-.00000	-.00000	-.00042	-.02197	-.00019

(07Z62) (07 JUN 74)

04628 82609 M7F8 M116E36V8R519

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

RUN NO. 262 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.170	-24550	.04120	.04250	-24780	.02324	-.00160	.00200	.00700	.71500	.03824
.200	-2.110	-15370	.03510	.04210	-15490	.02948	-.00160	.00190	.00600	.75200	.03779
.200	-1.070	-10610	.03330	.04210	-10670	.03133	-.00160	.00180	.00600	.79700	.03717
.200	-.030	-05860	.03170	.04190	-05860	.03168	-.00170	.00180	.00600	.91500	.03818
.200	.990	-01230	.03230	.04150	-01180	.03257	-.00160	.00200	.00600	1.94300	.03717
.200	2.020	.03580	.03120	.04150	.03690	.02997	-.00170	.00180	.00500	.23800	.03836
.200	4.060	.12830	.03600	.04150	.13050	.02688	-.00170	.00190	.00500	.53500	.03552
.200	6.140	.22730	.04110	.04050	.23040	.01656	-.00180	.00170	.00500	.58700	.03602
.200	8.200	.32350	.05100	.03870	.32750	.00430	-.00140	.00170	.00300	.60800	.03546
.200	10.280	.42590	.06530	.03850	.43070	-.01182	-.00180	.00180	.00300	.61900	.03724
.200	12.360	.52790	.08640	.03380	.53410	-.02857	-.00160	.00160	.00200	.62500	.03886
.200	14.440	.63430	.11810	.03380	.64370	-.04379	-.00120	.00100	.00100	.63200	.03878
.200	16.520	.75600	.15900	.02640	.77000	-.06251	-.00100	.00080	.00000	.63900	.14130
.200	18.640	.87300	.20960	.02140	.89420	-.08041	-.00180	.00250	.00200	.64300	.04291
.200	20.700	.97790	.27530	.01660	1.01210	-.09814	.00330	.00480	-.00800	.64600	.04593
.200	22.780	1.05950	.34960	.01290	1.11230	-.08799	-.00140	.00570	-.00300	.64700	.05042
.200	24.870	1.15310	.42210	.01120	1.22370	-.10199	.00090	.00540	-.00500	.64800	.05608
.200	26.910	1.21550	.49490	.01430	1.30790	-.10882	.00200	.00520	-.01000	.64800	.05821
.200	28.950	1.25670	.56380	.02540	1.37430	-.11599	.00140	.00580	-.01000	.64500	.06458
.200	30.880	1.10310	.54880	.09010	1.22840	-.09523	-.00290	.02700	-.03500	.62500	.07868
GRADIENT	.04551	-.00069	-.00013	-.00013	.04806	.00039	-.00000	-.00001	-.00023	-.01373	-.00022

REFERENCE DATA

SEEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YMRP = .0700 INCHES
PIEF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .00405 SCALE

BETA =
ELEVON =
RUDDER =

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BDFLAP = -12.000
AILRON = .000
SPDBRK = 25.000

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PARAMETRIC DATA

RUN NO. 263 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

WACH	ALPHA	—	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.150	-2.2400	.04100	.04250	-.24630	.02329	-.00170	.00190	.00600	.71500	.03816
.200	-2.060	-.15100	.03570	.04200	-.15220	.03030	-.00180	.00190	.00500	.75300	.03732
.200	-1.030	-.03370	.03340	.04170	-.10435	.03160	-.00190	.00190	.00600	.79900	.03790
.200	.000	-.03790	.03120	.04170	-.05790	.03125	-.00180	.00180	.00500	.91700	.03898
.200	1.020	-.01020	.03280	.04150	-.03960	.03305	-.00170	.00190	.00400	2.23300	.03675
.200	2.030	.03690	.03150	.04160	.03800	.03017	-.00180	.00180	.00400	.24800	.03826
.200	4.100	.12900	.03470	.04160	.13120	.02546	-.00180	.00190	.00300	.53500	.03653
.200	6.190	.22660	.04110	.04050	.22970	.01644	-.00190	.00180	.00400	.93600	.03609
.200	8.230	.32400	.05030	.03930	.32790	.00340	-.00180	.00170	.00300	.60800	.03610
.200	10.310	.42350	.06500	.03830	.42830	-.01180	-.00190	.00190	.00200	.61900	.03703
.200	12.400	.52240	.08750	.03770	.52910	-.02666	-.00180	.00170	.00100	.62500	.03657
.200	14.480	.63700	.11750	.03400	.64610	-.04550	-.00120	.00100	.00000	.63200	.04015
.200	16.560	.75620	.15990	.02580	.77040	-.06235	-.00120	.00070	.00000	.63900	.04140
.200	18.640	.87190	.20920	.02120	.89300	-.08050	-.00210	.00230	.00100	.64310	.04315
.200	20.740	.98030	.27620	.01550	1.01460	-.08895	.00300	.00490	.00090	.64600	.04662
.200	22.800	1.0640	.35030	.01220	1.11330	-.08807	.00090	.00540	-.00300	.64800	.05039
.200	24.880	1.15230	.42140	.01290	1.22270	-.10267	.00030	.00520	-.00300	.64800	.05648
.200	26.960	1.22180	.50300	.01060	1.31710	-.10570	.00070	.00560	-.00800	.64900	.05890
.200	29.020	1.25220	.56260	.02620	1.36880	-.11500	.00120	.00600	-.01100	.64500	.05381
.200	30.920	1.10630	.55120	.08970	1.23230	-.09559	.00160	.02290	-.03100	.62500	.07725
CRACENT	-.04533	-.00079	-.00011	-.00011	.04588	.00023	-.00000	-.00000	-.00003	-.00673	-.000013

04628 B52C9 W7F8 W16E36V8R5X9

(RDZ264) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = .000 BDCLAP = -12.000
 ELEWON = .000 AILRON = .000
 RUDDER = .000 SPDGRK = 25.000

PARAMETRIC DATA

RUN NO. 264/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	-.03400	.01880	.02670	-.03400	.01889	-.01630	.01030	.18400	.94100	.04207
.200	-8.070	-.04020	.02180	.03090	-.04020	.02187	-.01340	.00880	.14900	.93400	.04225
.200	-6.060	-.04320	.02690	.03490	-.04320	.02694	-.01010	.00710	.11100	.93600	.03943
.200	-3.990	-.05150	.03050	.03780	-.05150	.03058	-.00700	.00520	.07500	.92200	.03755
.200	-2.010	-.05640	.03200	.04160	-.05640	.03205	-.00420	.00340	.04000	.91600	.03743
.200	-.030	-.05750	.03290	.04160	-.05750	.03292	-.00190	.00190	.00600	.91800	.03734
.200	1.990	-.05570	.03210	.04090	-.05570	.03216	.00050	.00040	-.02900	.92200	.03817
.200	4.000	-.05430	.02960	.03830	-.05430	.02968	.00310	-.00100	-.06400	.91200	.03976
.200	6.060	-.05040	.02730	.03470	-.05040	.02731	.00640	-.00290	-.10100	.90500	.04010
.200	8.060	-.04540	.02220	.03130	-.04540	.02225	.00960	-.00480	-.13800	.90500	.04286
.200	10.140	-.03850	.01680	.02620	-.03850	.01681	.01340	-.00700	-.17800	.90200	.04434
GRADIENT	-.00024	-.00009	.00006	.00006	-.00024	-.00009	.00125	-.00077	-.01737	-.00070	.00026

04628 B52C9 W7F8 W16E36V8R5X9

(RDZ265) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 5.000 BDCLAP = -12.000
 ELEWON = .000 AILRON = .000
 RUDDER = .000 SPDGRK = 25.000

PARAMETRIC DATA

RUN NO. 265/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.19820	.02340	.02580	.19960	.00749	-.01820	.01770	.18600	.60400	.04127
.200	-8.070	.19300	.02860	.03000	.19480	.01124	-.01460	.01450	.15000	.59500	.04062
.200	-6.030	.19020	.03260	.03380	.19240	.01539	-.01080	.01100	.11100	.58700	.03848
.200	-4.000	.18410	.03670	.03730	.18660	.02010	-.00730	.00750	.07500	.57800	.03607
.200	-2.020	.18000	.03690	.03930	.18260	.02061	-.00440	.00440	.03900	.57200	.03699
.200	-.020	.17960	.03770	.04100	.18220	.02147	-.00200	.00180	.00400	.56900	.03653
.200	1.990	.17910	.03700	.04030	.18170	.02076	.00040	-.00080	-.02900	.57000	.03782
.200	4.000	.18100	.03350	.03770	.18340	.01912	.00310	-.00360	-.06500	.57600	.03878
.200	6.060	.18360	.03230	.03430	.18580	.01574	.00620	-.00680	-.10200	.58400	.04032
.200	8.050	.19040	.02820	.03030	.19210	.01105	.00980	-.01030	-.14000	.59300	.04300
.200	10.070	.19460	.02440	.02550	.19600	.00680	.01370	-.01390	-.17900	.60400	.04368
GRADIENT	-.00035	-.00012	.00006	.00006	-.00036	-.00009	.00128	-.00137	-.01739	-.00030	.00031

DATE 02 JUL 74

TABULATED SOURCE DATA - QM628

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Q628 B52C9 W7F8 W116E36W8R5Y9

(RDZ266) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 266/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAB
.200	-10.080	.44210	.05820	.02280	.445-0	-.02163	-.01820	.02580	.18300	.63300	.04198
.200	-8.080	.43720	.06070	.02720	.44100	-.01847	-.01550	.02150	.14900	.62900	.03948
.200	-6.070	.43420	.06200	.03070	.43830	-.01660	-.01190	.01670	.11200	.62600	.03891
.200	-4.050	.42910	.06480	.03500	.43380	-.01291	-.00790	.01130	.07400	.62200	.03615
.200	-2.010	.42660	.06510	.03770	.43130	-.01218	-.00470	.00640	.03900	.61900	.03675
.200	.000	.42340	.06540	.03780	.42830	-.01131	-.00190	.00200	.00400	.61900	.03652
.200	2.010	.42470	.06390	.03720	.42930	-.01297	.00060	-.00250	-.03000	.62000	.03839
.200	4.020	.42670	.06330	.03510	.43120	-.01397	.00330	-.00730	-.06600	.62000	.03777
.200	6.050	.42990	.06070	.03070	.43380	-.01706	.00640	-.01230	-.10100	.62600	.03962
.200	8.040	.43720	.05810	.02680	.44050	-.02099	.00980	-.01750	-.14200	.62900	.04276
.200	10.080	.43970	.05580	.02230	.44260	-.02367	.01260	-.02190	-.17500	.63300	.04506
GRADIENT		-.00033	-.00021	-.00001	-.00036	-.00014	.00138	-.00229	-.01735	.00005	.00024

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

PAGE 200

04628 852C9 MTF8 W16E28V8R5X9

(RDZ267) (07 JUN 74)

REFERENCE DATA

SREF = 4.4110 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .415 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPOBRK = 25.000

PARAMETRIC DATA

RUN NO. 267/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.175	-25530	.04160	.04820	-.25760	.02300	-.00180	.00210	.00700	.72100	.03724
.200	-2.100	-16210	.03500	.04780	-.16320	.02910	-.00170	.00210	.00500	.75900	.03734
.200	-1.075	-11440	.03380	.04740	-.11500	.03166	-.00170	.00220	.00500	.80400	.03628
.200	-.040	-06910	.03210	.04720	-.06920	.03207	-.00170	.00220	.00500	.90300	.03656
.200	.990	-.02210	.03130	.04760	-.02150	.03174	-.00170	.00210	.00300	1.46400	.03638
.200	2.020	.02530	.03130	.04740	.02640	.03041	-.00180	.00220	.00500	-.00800	.03676
.200	4.070	.12000	.03410	.04710	.12210	.02548	-.00160	.00210	.00200	.51000	.03604
.200	6.140	.21810	.03880	.04630	.22110	.01526	-.00160	.00210	.00200	.57500	.03650
.200	9.200	.31450	.04910	.04440	.31830	.00368	-.00180	.00190	.00200	.60000	.03515
.200	10.290	.41610	.06340	.04440	.42070	-.01197	-.00160	.00200	.00100	.61300	.03657
.200	12.360	.51690	.08610	.04280	.52340	-.02655	-.00080	.00100	.00000	.62200	.03598
.200	14.430	.62990	.11610	.03880	.63900	-.04456	-.00000	.00100	.00000	.62900	.03870
.200	16.530	.75320	.15790	.03050	.76700	-.06300	-.00000	.00100	.00000	.63700	.04155
.200	18.610	.86950	.20840	.02410	.89150	-.08011	-.00000	.00200	.00000	.64200	.04252
.200	20.680	.97350	.27300	.01790	1.00720	-.08841	-.00000	.00490	.00000	.64900	.04629
.200	22.780	1.06630	.35080	.01380	1.11890	-.08947	-.00080	.00530	.00000	.64700	.05119
.200	24.860	1.14970	.42180	.01350	1.22050	-.10064	.00060	.00550	.00000	.64800	.05421
.200	26.930	1.21930	.49520	.01420	1.31140	-.11016	.00190	.00530	.00100	.64800	.05923
.200	28.950	1.25150	.56100	.02560	1.36670	-.11508	.00110	.00730	.00100	.64500	.06395
.200	30.880	1.10320	.55120	.08880	1.22970	-.09323	-.00290	.02780	.00360	.62500	.07601
.200	GRADIENT	.04550	-.00092	-.00012	.04604	.00029	.00003	.00000	-.00051	-.03966	-.00014

DATE 02 JUL 74

TABULATED SOURCE DATA - ON628

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ON628 B52C9 MTF8 W16E20V8R5X9

(RDZ268) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPD8RK = 25.000

PARAMETRIC DATA

RUN NO. 268/0 RN/L - 1.42 GRADIENT INTERVAL = -6.00/ 5.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.000	-.04710	.01835	.03250	-.04710	.01835	-.01630	.01060	.18400	.90600	.04095
.200	-8.070	-.05280	.02320	.03650	-.05280	.02320	-.01320	.00910	.14800	.91600	.03911
.200	-6.050	-.05800	.02540	.04070	-.05800	.02544	-.01010	.00730	.11200	.91000	.03948
.200	-4.000	-.06220	.02960	.04390	-.06220	.02956	-.00680	.00540	.07500	.91100	.03755
.200	-2.010	-.06620	.03100	.04620	-.06630	.03101	-.00430	.00350	.04000	.90900	.03746
.200	-.020	-.06890	.03300	.04750	-.06890	.03294	-.00170	.00220	.00500	.90500	.03595
.200	1.690	-.06790	.03260	.04650	-.06790	.03258	.00050	.00070	.00300	.90300	.03666
.200	4.030	-.06500	.03040	.04390	-.06500	.03040	.00320	-.00090	.00500	.90000	.03795
.200	6.040	-.06020	.02570	.04030	-.06020	.02565	.00650	-.00280	.00800	.89800	.04100
.200	8.040	-.05560	.02150	.03650	-.05560	.02148	.01000	-.00470	.01400	.89500	.04185
.200	10.060	-.04710	.01660	.03150	-.04710	.01656	.01380	-.00690	.01700	.89000	.04259
GRADIENT	-.00036	.00016	.00001	.00001	-.00036	.00016	.00124	-.00077	-.01745	-.00140	.00000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPD8RK = 25.000

PARAMETRIC DATA

RUN NO. 269/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.000	.08950	.02440	.03210	.19100	.00745	-.01810	.01810	.18600	.59000	.04037
.200	-8.080	.08340	.02840	.03620	.18520	.01187	-.01430	.01480	.14900	.58000	.03918
.200	-6.060	.07670	.03230	.04000	.18080	.01624	-.01040	.01120	.11000	.57000	.03762
.200	-3.990	.07350	.03520	.04310	.17600	.01959	-.00700	.00790	.07300	.56100	.03586
.200	-2.030	.07090	.03600	.04520	.17150	.02159	-.00410	.00460	.03800	.55600	.03618
.200	-.010	.07020	.03640	.04670	.17260	.02106	-.00170	.00200	.00300	.55200	.03597
.200	1.980	.06990	.03590	.04570	.17240	.02067	.00060	-.00040	.00000	.55400	.03709
.200	3.990	.07260	.03430	.04320	.17500	.01887	.00310	-.00340	-.00600	.56100	.03822
.200	6.060	.07650	.03080	.03960	.17850	.01495	.00640	-.00660	-.00310	.57000	.04047
.200	8.030	.08250	.02720	.03560	.18420	.01074	.01020	-.01010	-.01000	.58000	.04168
.200	10.060	.08840	.02380	.03180	.18970	.00691	.01420	-.01400	-.01000	.59200	.04157
GRADIENT	-.00014	-.00010	.00003	.00003	-.00015	-.00008	.00125	-.00138	-.01738	-.00010	.00008

04628 852C9 W7F8 W16E28W853X

(R02270) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BOFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPD8RK = 25.000

RUN NO. 270/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.43620	.05640	.02860	.43930	-.02249	-.01810	.02580	.18300	.62800	.04193
.200	-8.090	.42970	.05990	.02300	.43350	-.01782	-.01920	.02130	.14800	.62400	.03861
.200	-6.070	.42670	.06110	.03690	.43080	-.01613	-.01120	.01650	.10900	.62000	.03791
.200	-4.020	.41950	.06330	.04050	.42410	-.01269	-.00740	.01130	.07200	.61600	.03576
.200	-2.030	.41640	.06430	.04330	.42120	-.01114	-.00450	.00630	.03900	.61400	.03514
.200	-.020	.41440	.06360	.04450	.41910	-.01148	-.00170	.00210	.00200	.61300	.03640
.200	2.020	.41360	.06370	.04290	.41820	-.01126	.00270	-.00230	-.03100	.61400	.03647
.200	4.010	.41690	.06240	.04090	.42140	-.01308	.00340	-.00670	-.06700	.61600	.03659
.200	6.060	.42090	.05990	.03600	.42480	-.01628	.00460	-.01170	-.10300	.62000	.03850
.200	8.050	.42660	.05710	.03220	.43020	-.02003	.00600	-.01680	-.14200	.62400	.04138
.200	10.060	.43310	.05420	.02810	.43580	-.02411	.00820	-.02110	-.17800	.62800	.04537
GRADIENT	-.00040	-.00012	-.00012	-.00041	-.00041	-.00005	.00133	-.00222	-.01732	.00000	.00015

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BOFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPD8RK = 25.000

04628 852C9 W7F8 W16E28W853X

(R02271) (07 JUN 74)

RUN NO. 271/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.080	.70870	.13070	.01540	.71780	-.06348	-.01950	.03030	.18600	.64400	.04204
.200	-8.060	.70320	.13280	.02200	.71310	-.05789	-.01620	.02500	.14800	.64000	.04012
.200	-6.070	.69440	.13550	.02840	.70530	-.05491	-.01110	.01870	.11000	.63700	.03693
.200	-4.020	.69020	.13470	.03290	.70110	-.05460	-.00720	.01210	.07200	.63400	.03837
.200	-2.030	.68910	.13560	.03450	.70030	-.05344	-.00380	.00580	.03900	.63300	.03884
.200	-.010	.69120	.13640	.03490	.70260	-.05320	-.00080	.00140	.00000	.63300	.04008
.200	1.990	.68860	.13570	.03460	.69990	-.05325	.00150	-.00350	-.02500	.63300	.03956
.200	4.000	.68900	.13530	.03220	.70010	-.05359	.00430	-.00670	-.07000	.63500	.03790
.200	6.030	.69330	.13320	.02750	.70390	-.05682	.00680	-.01430	-.10800	.63700	.03857
.200	8.040	.70460	.12970	.01870	.71360	-.06326	.01160	-.02070	-.14800	.64200	.04325
.200	10.060	.71450	.12900	.01250	.72300	-.06669	.01620	-.02670	-.18900	.64500	.04463
GRADIENT	-.00014	-.00016	-.00016	-.00017	-.00012	.00011	.00141	-.00254	-.01773	.00010	.00011

DATE 02 JUL 74 TABULATED SOURCE DATA - 0A628

0A628 852C9 W/F8 W116E28W85X9 (RDZ272) (07 JUN 74)

REFERENCE DATA						PARAMETRIC DATA															
SREF =	4.4119	SQ.FT.	YMRP =	43.5974	INCHES	ALPHA =	20.000	BDFLAP =	-12.000	WCH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
LREF =	19.2299	INCHES	YMRP =	.0000	INCHES	ELEVON =	.000	AILRON =	.000	.200	-10.060	.99160	.28460	-.01100	1.02810	-.08504	-.02880	.03550	.20300	.65600	.04883
BREF =	37.9375	INCHES	ZMRP =	15.1875	INCHES	RUDER =	.000	SPDRK =	25.000	.200	-8.070	.97650	.28300	.00740	1.01340	-.08118	-.02220	.02940	.15900	.65200	.04695
SCALE =	.0405	SCALE								.200	-6.050	.96820	.28220	.01160	1.00550	-.07886	-.01770	.02250	.12200	.64700	.04404
										.200	-4.000	.96990	.28290	.01470	1.00730	-.07902	-.01280	.01580	.03000	.64600	.04429
										.200	-2.010	.97010	.28590	.01450	1.00850	-.07618	-.00740	.00880	.04300	.64600	.04488
										.200	-0.010	.97070	.28610	.01500	1.00910	-.07623	-.00230	.00270	.00200	.64600	.04505
										.200	2.000	.97090	.28290	.01480	1.00820	-.07926	.00320	-.00200	-.03900	.64600	.04562
										.200	4.010	.96930	.27780	.01700	1.00490	-.08359	.00890	-.00820	-.08100	.64500	.04453
										.200	6.060	.97150	.27450	.01430	1.00580	-.08749	.01270	-.01570	-.12000	.64600	.04578
										.200	8.040	.97310	.27240	.00610	1.00650	-.08988	.01800	-.02260	-.16000	.64900	.04841
										.200	10.070	.98470	.27290	-.00470	1.01750	-.09363	.02420	-.02950	-.20500	.65300	.05268
											GRADIENT	-.00002	-.00066	.000024	-.00026	-.00061	.00270	-.00294	-.02047	-.00010	.00006

RUN NO. 272/ 0 RN/L = 1.42 GRADIENT INTERV' = -6.00/ 6.00

QM62B B53C9 M7F8 W116E28V0R5Y9

(R02273) (07 JUN 74)

REFERENCE DATA

SKRF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVN = .000 AIRRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 273/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.140	-25420	.04190	.03470	-25650	.02347	-.00160	.00200	.00600	.72100	.03742
.200	-2.050	.16110	.03470	.03470	-.16220	.02896	-.00170	.00200	.00600	.76000	.03776
.200	-1.030	-.11280	.03300	.03300	-.11340	.03096	-.00180	.00200	.00600	.80600	.03764
.200	.000	-.06860	.03260	.03260	-.06860	.03268	-.00180	.00200	.00600	.90600	.03646
.200	1.000	-.02210	.03160	.03160	-.02160	.03205	-.00170	.00220	.00400	1.46400	.03666
.200	2.070	.02660	.03160	.03160	.02780	.03070	-.00180	.00200	.00400	.02300	.03613
.200	4.090	.11940	.03320	.03320	.12150	.02462	-.00160	.00210	.00300	.50300	.03735
.200	6.180	.21720	.03300	.03300	.22020	.01575	-.00160	.00200	.00200	.57400	.03590
.200	8.230	.31520	.03010	.03440	.31910	.00445	-.00170	.00180	.00300	.62000	.03477
.200	10.330	.41660	.03460	.04420	.42140	-.01110	-.00160	.00190	.00200	.61300	.03591
.200	12.380	.51370	.03590	.04290	.52310	-.02687	-.00140	.00160	.00100	.62100	.03659
.200	14.480	.63300	.11700	.03080	.64210	-.04499	-.00100	.00100	.00000	.63000	.03939
.200	16.550	.74980	.15950	.03080	.76420	-.06065	-.00100	.00130	.00000	.63700	.03986
.200	18.640	.87000	.20820	.02470	.89090	-.08079	-.00180	.00260	.00000	.64100	.04356
.200	20.740	.97840	.27520	.01810	1.01240	-.08921	-.00320	.00450	-.00900	.64500	.04656
.200	22.800	1.06550	.35320	.01270	1.11910	-.08746	-.00040	.00570	-.00300	.64700	.05077
.200	24.890	1.14940	.42110	.01430	1.21990	-.10176	.00050	.00570	-.00600	.64700	.05558
.200	26.980	1.21650	.49670	.01510	1.30950	-.10924	.00200	.00430	-.01000	.64700	.05881
.200	29.000	1.26090	.56550	.02450	1.37700	-.11686	.00100	.00680	-.01200	.64500	.06524
.200	30.910	1.11160	.55500	.08600	1.23890	-.09491	-.00160	.02730	-.03600	.62600	.07593
.200	GRADIENT	.04539	-.00098	-.00708	.04593	.00722	-.00000	.00001	-.00042	-.03916	-.00010

(RDZ274) (07 JUN 74)

OM62B B53C9 MTF8 W16E28V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA =
 ELEWYN =
 RUDDER =

PARAMETRIC DATA

BDFLAP = .000
 AILRON = .000
 SPDRK = .000

-12.000
 .000
 25.000

RUN NO. 274/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	-.04800	.01790	.03260	-.14600	.01800	-.01630	.01070	.18500	.91300	.04149
.200	-8.060	-.05240	.02340	.03660	-.05240	.02343	-.01320	.00900	.14800	.90900	.03949
.200	-6.040	-.05850	.02760	.04070	-.05850	.02760	-.01010	.00730	.11200	.90800	.03774
.200	-4.000	-.06230	.03040	.04380	-.06230	.03044	-.00690	.00530	.07600	.91000	.03671
.200	-2.020	-.06640	.03270	.04630	-.06640	.03279	-.00400	.00350	.04000	.90800	.03557
.200	-.020	-.06790	.03390	.04730	-.06790	.03395	-.00170	.00210	.00500	.90800	.03507
.200	1.990	-.06620	.03250	.04660	-.06620	.03255	.00030	.00060	-.02800	.91100	.03690
.200	4.010	-.06430	.03000	.04390	-.06430	.03006	.00320	-.00090	-.06400	.90300	.03871
.200	6.040	-.05380	.02680	.04020	-.05380	.02680	.00660	-.10200	-.10200	.90000	.03975
.200	8.040	-.05370	.02210	.03680	-.05370	.02213	.01010	-.00280	-.14000	.90400	.04164
.200	10.080	-.04680	.01690	.03170	-.04680	.01699	.01370	-.00690	-.17700	.90100	.04264
GRADIENT	-.00019	-.00005	-.00005	.00002	-.00019	-.00005	.00123	-.00076	-.01737	-.00055	.00027

OM62B B53C9 MTF8 W16E28V8R5X9

(RDZ275) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA =
 ELEWYN =
 RUDDER =

PARAMETRIC DATA

BDFLAP = 5.000
 AILRON = .000
 SPDRK = .000

-12.000
 .000
 25.000

RUN NO. 275/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.18950	.02520	.03220	.19100	.00800	-.01810	.01790	.18600	.59000	.03981
.200	-8.060	.18440	.02900	.03650	.18620	.01225	-.01430	.01460	.14800	.58000	.03871
.200	-6.040	.17990	.03190	.04030	.18200	.01564	-.01060	.01110	.11200	.57000	.03817
.200	-3.990	.17320	.03490	.04350	.17570	.01924	-.00710	.00780	.07500	.56100	.03634
.200	-2.030	.17080	.03730	.04530	.17350	.02185	-.00410	.00460	.03900	.55600	.03520
.200	-.020	.16860	.03730	.04660	.17130	.02198	-.00180	.00190	.00400	.55100	.03547
.200	2.000	.17080	.03550	.04560	.17330	.02001	.00060	-.00060	-.03000	.55500	.03788
.200	4.020	.17100	.03490	.04340	.17350	.01941	.00320	-.00340	-.06500	.56000	.03800
.200	6.040	.17560	.03130	.03960	.17770	.01538	.00640	-.00660	-.10200	.57000	.04013
.200	8.050	.18070	.01400	.03590	.18240	.01166	.01010	-.01020	-.14000	.57900	.04108
.200	10.060	.18730	.02330	.03130	.18870	.00632	.01450	-.01400	-.18100	.59100	.04219
GRADIENT	-.00022	-.00009	-.00009	.00000	-.00023	-.00006	.00126	-.00138	-.01740	-.00014	.00030

QM62B B53C9 M7F8 M16E23V8R5X9

(RD2276) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = 25.000

RUN NO. 276/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-1.070	.43570	.03750	.02860	.43900	-.02151	-.01790	.02360	.18300	.62800	.04138
.200	-8.070	.43220	.05970	.03270	.43600	-.01873	-.01530	.02110	.14800	.62400	.03981
.200	-6.050	.42550	.06310	.03660	.42990	-.01425	-.01120	.01630	.11000	.62000	.03644
.200	-3.980	.42140	.06450	.04110	.42610	-.01212	-.00740	.01120	.07300	.61600	.03532
.200	-2.010	.41680	.06440	.04350	.42130	-.01132	-.00440	.00620	.03800	.61400	.03617
.200	.000	.41540	.06550	.04390	.42040	-.00994	-.00160	.00190	.00300	.61300	.03517
.200	2.000	.41660	.06410	.04340	.42130	-.01157	.00080	-.00230	-.03100	.61400	.03685
.200	4.000	.41850	.06260	.04100	.42300	-.01335	.00360	-.00700	-.06700	.61600	.03745
.200	6.050	.42320	.06020	.03600	.42720	-.01668	.00690	-.01010	-.10300	.62100	.03896
.200	8.050	.42910	.05680	.03250	.43220	-.02104	.01020	-.01690	-.14300	.62400	.04227
.200	10.060	.43260	.05480	.02800	.43540	-.02361	.01290	-.02130	-.17700	.62800	.04485
GRADIENT		-.00030	-.00021	-.00002	-.00032	-.00014	.00136	-.00025	-.01748	.00000	.00025

QM62B B53C9 M7F8 M16E23V8R5X9

(RD2277) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = 25.000

RUN NO. 277/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.70770	.13120	.13120	.71700	-.06308	-.01940	.02990	.18600	.64400	.04234
.200	-8.070	.70220	.13310	.12120	.71220	-.05978	-.01590	.02470	.14900	.64100	.04034
.200	-6.050	.69470	.13580	.12880	.70570	-.05507	-.01120	.01800	.11000	.63700	.03733
.200	-4.000	.69120	.13520	.13380	.70220	-.05468	-.00750	.01210	.07200	.63400	.03842
.200	-2.020	.68870	.13620	.13620	.70000	-.05302	-.00370	.00590	.03600	.63300	.03897
.200	-.010	.68940	.13650	.13470	.70040	-.05306	-.00090	.00070	.00100	.63300	.04030
.200	2.000	.68920	.13650	.13430	.70060	-.05290	.00160	-.00370	-.03500	.63400	.03981
.200	4.020	.69160	.13590	.13180	.70270	-.05413	.00430	-.00900	-.07000	.63500	.03839
.200	6.040	.69650	.13360	.12760	.70690	-.05771	.00690	-.01450	-.10800	.63700	.03954
.200	8.050	.70510	.13150	.11850	.71460	-.06207	.01170	-.02090	-.14800	.64200	.04198
.200	10.070	.71580	.12930	.10250	.72420	-.06708	.01620	-.02690	-.18900	.64500	.04525
GRADIENT		.00007	.00008	-.00002	.00008	.00006	.00144	-.00023	-.01770	.00015	.00004

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SCDSRK = 25.000

PARAMETRIC DATA

RUN NO. 278/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.060	.99870	.28590	-.01420	1.03530	-.08636	-.02870	.03480	.20300	.65700	.04939
.200	-8.040	.97820	.28440	-.00140	1.01560	-.08025	-.02210	.02870	.15900	.65200	.04560
.200	-6.030	.97060	.28330	.01000	1.00800	-.07853	-.01750	.02230	.12000	.64800	.04358
.200	-3.980	.96810	.28290	.01390	1.00560	-.07808	-.01300	.01600	.08300	.64700	.04331
.200	-2.000	.97530	.28580	.01470	1.01330	-.07802	-.00740	.00880	.04200	.64600	.04600
.200	.000	.97320	.28490	.01520	1.01100	-.07809	-.00220	.00310	.00200	.64600	.04668
.200	2.020	.97300	.28330	.01580	1.01030	-.07793	.00280	-.00160	-.03900	.64600	.04667
.200	4.030	.96760	.27770	.01800	1.00330	-.08280	.00900	-.00720	-.08100	.64500	.04458
.200	6.060	.96420	.27380	.01510	.99930	-.08541	.01300	-.01500	-.12000	.64600	.04441
.200	8.070	.97180	.27180	.00610	1.00510	-.08972	.01830	-.02190	-.16300	.64900	.04937
.200	10.080	.98190	.27230	-.00340	1.01480	-.09265	.02430	-.02890	-.20600	.65300	.05224
GRADIENT		-.00017	-.00065	.00046	-.00038	-.00055	.00270	-.00283	-.02041	-.00020	.00017

04628 853C9 M50F8 W116E28V9R5Y9

PARAMETRIC DATA

BETA = .0000
ELEVON = .0000
RUDDER = .0000

BDFLAP = -12.000
ATLRON = .000
SPDBRK = 25.000

REFERENCE DATA

SREF = 4.4119 SQ.FT.
LREF = 19.2299 INCHES
BREF = 37.9359 INCHES
SCALE = .0405 SCALE

YMRP = 43.5974 INCHES
ZMRP = .0000 INCHES
ZMRP = 15.1875 INCHES

RUN NO. 279/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALF.A	CL	CDf	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.080	-1.25500	.04025	.04810	-.25720	.02195	-.00180	.00210	.00700	.72100	.03774
.200	-2.060	-1.16330	.03450	.04770	-.11640	.02861	-.00180	.00200	.00500	.75900	.03793
.200	-1.000	-1.11420	.03420	.04720	-.11470	.03223	-.00180	.00210	.00600	.80300	.03565
.200	.000	-.06700	.03150	.04750	-.06700	.03156	-.00190	.00200	.00600	.91200	.03751
.200	1.020	-.02070	.03210	.04720	-.02010	.03251	-.00180	.00200	.00500	1.51400	.03598
.200	2.150	.02640	.03060	.04730	.02750	.02972	-.00170	.00200	.00400	.01800	.03784
.200	4.100	.11950	.03420	.04680	.12170	.02555	-.00170	.00190	.00400	.51000	.03596
.200	6.150	.21590	.04020	.04600	.21900	.01682	-.00180	.00200	.00300	.57400	.03490
.200	8.250	.31620	.04920	.04470	.32000	.00333	-.00170	.00180	.00300	.60000	.03573
.200	10.330	.41700	.06400	.04450	.42170	-.01180	-.00180	.00200	.00300	.61300	.03686
.200	12.410	.51790	.08530	.04310	.52410	-.02797	-.00150	.00190	.00200	.62100	.03778
.200	14.480	.63340	.11650	.03890	.64240	-.04557	-.00110	.00100	.00000	.62900	.04008
.200	16.580	.75200	.15960	.03060	.76620	-.06166	-.00090	.00090	.00000	.63700	.04044
.200	18.650	.86980	.20840	.02420	.89070	-.08074	-.00180	.00260	.00100	.64200	.04329
.200	20.740	.97430	.27500	.01830	1.00860	-.08787	.00360	.00480	-.00900	.64500	.04554
.200	22.800	1.07630	.35360	.01210	1.12100	-.08775	-.00340	.00540	-.00300	.64800	.05143
.200	24.890	1.15170	.42160	.01370	1.22220	-.10239	.00060	.00580	-.00600	.64800	.05649
.200	26.950	1.21670	.49700	.01450	1.30980	-.10844	.00190	.00500	-.01000	.64800	.05802
.200	29.000	1.25070	.56340	.02550	1.36700	-.11371	.00360	.00610	-.01000	.64500	.06360
.200	30.930	1.10460	.55000	.09780	1.23020	-.09606	-.00250	.02330	-.02800	.62400	.07870
GRADIENT		.04588	-.00079	-.00014	.04642	.00039	.00001	-.00002	-.00035	-.03774	-.00016

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B53C9 M50F8 W16E23V9R5X9

(RDZ280) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 280/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.050	-.04630	.01830	.03250	-.04630	.01834	-.01630	.01060	.18500	.91000	.04399
.200	-8.050	-.05200	.02310	.03690	-.05200	.02319	-.01330	.00910	.14800	.91300	.03955
.200	-6.030	-.05620	.02820	.04030	-.05620	.02828	-.01000	.00720	.11200	.91600	.03930
.200	-3.990	-.06150	.03040	.04370	-.06150	.03040	-.00700	.00540	.07500	.91300	.03674
.200	-2.010	-.06610	.03150	.04620	-.06610	.03152	-.00410	.00350	.04000	.91900	.03722
.200	.010	-.06690	.03280	.04680	-.06690	.03287	-.00190	.00210	.00600	.90600	.03633
.200	2.020	-.06790	.03150	.04640	-.06790	.03156	.00050	.00070	-.02800	.90300	.03781
.200	4.010	-.06490	.02850	.04370	-.06490	.02859	.00310	-.00090	-.06400	.90000	.03962
.200	6.060	-.05980	.02620	.04010	-.05980	.02627	.00630	-.00290	-.10200	.89800	.04153
.200	8.060	-.05450	.02250	.03640	-.05450	.02257	.01000	-.00470	-.14000	.89400	.04085
.200	10.060	-.04750	.01680	.03170	-.04750	.01685	.01360	-.00690	-.17700	.89700	.04296
GRADIENT	-.00043	-.00019	.00001	.00001	-.00043	-.00018	.00124	-.00077	-.01727	-.00160	.00031

04628 B53C9 M50F8 W16E23V9R5X9

(RDZ81) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 281/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.060	.18820	.02510	.03260	.18970	.00812	-.01810	.01800	.18500	.58800	.03985
.200	-8.030	.18750	.02800	.03630	.18530	.01140	-.01430	.01470	.14800	.57900	.03994
.200	-6.030	.17710	.03240	.04000	.17930	.01644	-.01040	.01120	.11100	.56900	.03772
.200	-3.990	.17310	.03520	.04320	.17550	.01957	-.00730	.00780	.07500	.56100	.03608
.200	-2.010	.17110	.03660	.04550	.17370	.02112	-.00420	.00460	.03800	.55500	.03590
.200	.000	.15980	.03630	.04650	.17240	.02159	-.00190	.00180	.00400	.55200	.03568
.200	2.010	.16950	.03610	.04560	.17200	.02078	.00040	-.00070	-.03100	.55400	.03730
.200	4.030	.17140	.03490	.04330	.17380	.01943	.00330	-.00350	-.06700	.56000	.03827
.200	6.040	.17570	.03160	.03960	.17780	.01574	.00640	-.00670	-.10300	.57000	.03990
.200	8.060	.18140	.02820	.03540	.18320	.01185	.00990	-.01030	-.14100	.58000	.04090
.200	10.070	.18810	.02480	.03090	.18960	.00788	.01410	-.01380	-.18000	.59200	.04172
GRADIENT	-.00025	-.00006	.00001	.00001	-.00025	-.00003	.00129	-.00139	-.01760	-.00015	.00029

0462B B53C9 M50F8 W16E28V9R5X9

(RDZ282) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 282/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.43630	.05680	.02900	.43940	-.02246	-.01810	.02600	.18300	.62700	.04187
.200	-8.050	.42960	.06050	.03300	.43350	-.01763	-.01510	.02150	.14900	.62400	.03864
.200	-6.020	.42370	.06250	.03720	.42810	-.01451	-.01130	.01660	.11100	.62000	.03672
.200	-3.990	.42020	.06350	.04090	.42480	-.01294	-.00770	.01140	.07400	.61800	.03554
.200	-2.010	.41780	.06380	.04320	.42240	-.01216	-.00460	.00640	.03900	.61400	.03665
.200	-.020	.41530	.06450	.04420	.42010	-.01099	-.00190	.00190	.00400	.61200	.03602
.200	2.000	.41610	.06380	.04360	.42080	-.01188	.00090	-.00240	.03100	.61300	.03690
.200	4.020	.41590	.06210	.04090	.42030	-.01345	.00350	-.00700	.06700	.61600	.03733
.200	6.050	.42280	.05920	.03620	.42670	-.01697	.00670	-.01200	.10400	.60000	.03954
.200	8.050	.42870	.05770	.03210	.43210	-.02018	.00980	-.01690	.14200	.62400	.04151
.200	10.080	.43210	.05450	.02760	.43480	-.02392	.01290	-.02130	.17800	.62800	.04482
GRADIENT		-.00051	-.00014	.00002	-.00053	-.00004	.00039	-.00228	-.01757	-.00005	.00019

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 283/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 25.000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.70910	.13070	.01480	.71820	-.06398	-.01950	.03020	.18600	.64400	.04297
.200	-8.050	.70280	.13310	.02130	.71280	-.05985	-.01610	.02470	.14900	.64100	.04030
.200	-6.030	.69340	.13540	.02890	.70430	-.05512	-.01120	.01800	.11000	.63700	.03749
.200	-4.000	.69040	.13480	.03310	.70130	-.05487	-.00760	.01220	.07300	.63400	.03852
.200	-2.010	.68760	.13610	.03440	.69890	-.05288	-.00380	.00590	.03600	.63400	.03876
.200	.000	.69100	.13700	.03490	.70240	-.05292	-.00090	.00080	.00000	.63300	.03992
.200	2.010	.68960	.13770	.03450	.70130	-.05193	.00170	-.00380	-.03600	.63400	.03863
.200	4.030	.69050	.13560	.03300	.70160	-.05408	.00440	-.00870	-.07100	.63400	.03874
.200	6.050	.69470	.13280	.02810	.70490	-.05793	.00690	-.01450	-.10800	.63700	.03966
.200	8.050	.70400	.13180	.01880	.71360	-.06140	.01110	-.02040	-.14700	.64200	.04144
.200	10.070	.71150	.12950	.01320	.72020	-.06573	.01590	-.02640	-.18900	.64500	.04335
GRADIENT		.00011	.00016	-.00001	.00015	.00013	.00047	-.00256	-.01793	.00000	.00002

DATE 02 JUL 74

RDZ284) (07 JUN 74)

OM62B 853C9 W50F8 W16E28V9R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43 5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AIRCON = .000
RUDDER = .000 SPD8RK = 25.000

RUN NO. 284/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.020	.99570	.28480	-.01190	1.03210	-.08562	-.00160	.03480	.20200	.65700	.04859
.200	-8.020	.97870	.28270	-.00080	1.01540	-.08215	-.02230	.02890	.16000	.65200	.04713
.200	-6.030	.96830	.28260	.01000	1.00570	-.07786	-.01170	.02180	.12200	.64800	.04330
.200	-3.960	.96730	.28190	.01370	1.00450	-.07799	-.01280	.01610	.08300	.63700	.04313
.200	-1.980	.97260	.28480	.01460	1.01050	-.07725	-.00730	.00890	.04300	.64600	.04576
.200	.000	.97140	.28400	.01620	1.00910	-.07756	-.00220	.00280	.00100	.64600	.04710
.200	2.020	.97070	.28290	.01600	1.00800	-.07846	.00280	-.00240	-.03800	.64600	.04586
.200	4.030	.96640	.277	.01780	1.00230	-.08217	.00880	-.00800	-.08100	.64500	.04460
.200	6.070	.96550	.27270	.01560	.99960	-.08593	.01290	-.01570	-.12000	.64600	.04488
.200	8.070	.97100	.27170	.00730	1.00440	-.08890	.01840	-.02190	-.16300	.64300	.04810
.200	10.100	.97630	.27310	-.00420	1.00980	-.08947	.02400	-.02880	-.20500	.65300	.04946
GRADIENT	-.00019	-.00058	-.00058	.00048	-.00038	-.00048	.00267	-.00298	-.02047	-.00020	.00015

OM62B B26C9 W50F8 W16E28W8K5X9

(RDZ285) (07 JUN 74)

REFERENCE DATA

SREF = 4.4113 SQ.FT. XMRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0005 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEWON = .000 AILRON = .000
RUDDER = .000 SPD8RK = 25.000

RUN NO. 285/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.170	-.25510	.04140	.04010	-.25740	.02277	-.00190	.00210	.00700	.72000	.03769
.200	-2.110	-.16100	.03540	.04730	-.16220	.02950	-.00190	.00210	.00600	.75900	.03741
.200	-1.060	-.11430	.03400	.04720	-.11500	.03187	-.00190	.00210	.00600	.80300	.03657
.200	-.030	-.06870	.03180	.04750	-.06870	.03180	-.00190	.00210	.00500	.90600	.03716
.200	.990	-.02110	.03150	.04710	-.02050	.03187	-.00190	.00200	.00500	1.49600	.03690
.200	2.020	.02590	.03190	.04690	.02700	.03097	-.00180	.00200	.00400	.01300	.03646
.200	4.070	.12170	.03390	.04720	.12380	.02523	-.00180	.00210	.00300	.51100	.03695
.200	6.130	.21620	.03970	.04600	.21923	.01644	-.00190	.00210	.00300	.57400	.03578
.200	8.200	.31410	.04900	.04450	.31780	.00375	-.00180	.00180	.00300	.60000	.03580
.200	10.280	.41330	.06460	.04410	.42070	-.01061	-.00160	.00180	.00100	.61300	.03559
.200	12.370	.51870	.08620	.04330	.52510	-.02691	-.00110	.00100	.00100	.62100	.03592
.200	14.460	.63290	.11700	.03820	.64210	-.04474	-.00110	.00100	-.00100	.63000	.03938
.200	16.520	.75100	.15830	.03060	.76510	-.06183	-.00100	.00100	.00000	.63700	.04092
.200	18.630	.87150	.20870	.02390	.89250	-.08059	-.00190	.00263	.00200	.64200	.04323
.200	20.710	.97710	.27490	.01790	1.01120	-.09844	.00337	.00480	.00200	.64500	.04631
.200	22.770	1.06680	.35320	.01250	1.12030	-.08735	-.00040	.00550	-.00200	.64800	.05110
.200	24.850	1.15090	.42370	.01250	1.22240	-.09933	.00110	.00570	-.00700	.64800	.05454
.200	26.920	1.21870	.49700	.01440	1.31170	-.10865	.00230	.00440	-.01100	.64800	.05840
.200	28.970	1.26950	.56560	.02540	1.37590	-.11534	.00110	.00590	-.01100	.64500	.06314
.200	30.870	1.30390	.54450	.09610	1.21490	-.09199	-.00370	.01960	-.02400	.62300	.07989
GRADIENT		.04562	-.00092	-.00010	.04617	.00001	.00001	-.00001	-.00049	-.03767	-.00010

TABULATED SOURCE DATA - QM628

Q628 B26C9 M5DF8 M16E28W85X9 (RDZ286) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 286/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = 25.000

WACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	-.04550	.03250	.01930	-.04550	.01938	-.01860	.01060	.18500	.91500	.04011
.200	-8.040	-.05200	.03650	.02330	-.05200	.02336	-.01360	.00920	.14900	.91000	.03947
.200	-6.030	-.05760	.04050	.02630	-.05760	.02628	-.01020	.00740	.11300	.91000	.03968
.200	-4.020	-.06340	.04330	.03060	-.06340	.03058	-.00700	.00540	.07600	.90300	.03707
.200	-2.010	-.06640	.04620	.03260	-.06640	.03258	-.00410	.00360	.03900	.90800	.03630
.200	.000	-.06860	.04700	.03380	-.06860	.03380	-.00190	.00210	.00600	.90400	.03560
.200	2.010	-.06730	.04650	.03170	-.06740	.03168	.00040	.00070	-.02800	.90600	.03825
.200	4.030	-.06410	.04340	.02910	-.06410	.02907	.00300	-.00080	-.06400	.90100	.04007
.200	6.050	-.05970	.04020	.02740	-.05970	.02739	.00630	-.00270	-.10100	.90000	.03975
.200	8.060	-.05590	.03660	.02280	-.05590	.02281	.01030	-.00470	-.13900	.89200	.04149
.200	10.090	-.04750	.03170	.01750	-.04750	.01750	.01370	-.00680	-.17800	.89700	.04235
GRADIENT	-.00011	-.00020	.00002	-.00002	-.00012	-.00020	.00122	-.00076	-.01730	-.00030	.00040

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 287/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = 25.000

WACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.030	.19050	.03210	.02440	.19190	.00728	-.01840	.01810	.18700	.59000	.04074
.200	-8.030	.18360	.03610	.02880	.18550	.01256	-.01440	.01470	.14900	.58000	.03920
.200	-6.040	.17810	.04000	.03210	.18020	.01607	-.01050	.01120	.11000	.57000	.03837
.200	-4.040	.17470	.04310	.02800	.17720	.01926	-.00730	.00780	.07500	.56200	.03678
.200	-2.000	.17100	.04520	.03640	.17360	.02099	-.00420	.00470	.03800	.55600	.03626
.200	.000	.16890	.04650	.03790	.17160	.02272	-.00190	.00150	.00300	.55200	.03492
.200	2.020	.17090	.04560	.03550	.17340	.02069	.00040	-.00050	-.03000	.55500	.03818
.200	4.030	.17160	.04320	.03500	.17410	.01952	.00300	-.00030	-.06600	.56000	.03840
.200	6.070	.17560	.03920	.03180	.17770	.01612	.00630	-.00680	-.10200	.57000	.03995
.200	8.080	.18160	.03580	.02800	.18340	.01169	.01980	-.01020	-.14000	.58000	.04154
.200	10.090	.18720	.03090	.02370	.18860	.00683	.01400	-.01390	-.17900	.59100	.04287
GRADIENT	-.00065	.00025	.00005	-.00025	-.00062	.00031	.00133	-.00144	-.01756	-.00107	.00004

04628 B26C9 H5GF8 W16E28V8R5X9

(RDZ288) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0415 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDRBK = 25.000

RUN NO. 288/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.43380	.13590	.02880	.43680	-.02230	-.01830	.02590	.19400	.62700	.04241
.200	-8.050	.42810	.13610	.03310	.43200	-.01725	-.01520	.02160	.14900	.62300	.03880
.200	-6.050	.42310	.13670	.03680	.42740	-.01465	-.01140	.01680	.11100	.62000	.03730
.200	-5.980	.41640	.13640	.04060	.42110	-.01133	-.00750	.01160	.07300	.61600	.03544
.200	-2.020	.41590	.13630	.04350	.42050	-.01181	-.00470	.00630	.03900	.61400	.03672
.200	.000	.41490	.13630	.04420	.41970	-.01117	-.00190	.00210	.00300	.61300	.03690
.200	2.010	.41470	.13640	.04320	.41950	-.01055	.00070	-.00230	-.00100	.61400	.03625
.200	4.030	.41630	.13610	.04060	.42070	-.01333	.00330	-.00690	-.06600	.61800	.03750
.200	6.060	.42110	.13590	.03620	.42500	-.01641	.00650	-.01180	-.10200	.62000	.03954
.200	8.080	.42620	.13560	.03230	.42940	-.02021	.01000	-.01680	-.14200	.62400	.04183
.200	10.080	.43170	.13540	.02790	.43440	-.02396	.01290	-.02130	-.17800	.62800	.04520
.200	GRADIENT	-.00207	-.00011	-.00022	-.00009	-.00009	.00035	-.00227	-.01736	.00000	.00018

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0415 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDRBK = 25.000

04628 B26C9 H5GF8 W16E28V8R5X9

(RDZ289) (07 JUN 74)

RUN NO. 289/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.70930	.13560	.01430	.71840	-.06361	-.01940	.03030	.18700	.64400	.04286
.200	-8.050	.70260	.13220	.02100	.71240	-.06030	-.01610	.02490	.15000	.64100	.04082
.200	-6.020	.69300	.13540	.02840	.70400	-.05459	-.01110	.01800	.11000	.63700	.03667
.200	-3.970	.69000	.13460	.03300	.70090	-.05454	-.00750	.01200	.07400	.63400	.03834
.200	-2.000	.68770	.13590	.03440	.69900	-.05263	-.00390	.00600	.03600	.63400	.03867
.200	.000	.68910	.13610	.03450	.70050	-.05279	-.00110	.00000	.00200	.63400	.04035
.200	2.010	.68900	.13640	.03420	.70040	-.05250	.00150	-.00370	-.03500	.63400	.03338
.200	4.030	.69060	.13490	.03210	.70160	-.05443	.00410	-.00870	-.07000	.63500	.03911
.200	6.070	.69280	.13350	.02770	.70330	-.05634	.00650	-.01420	-.10700	.63700	.03848
.200	8.080	.70200	.13110	.01930	.71250	-.06153	.01160	-.02030	-.14800	.64200	.04172
.200	10.080	.71160	.12860	.01380	.72010	-.06611	.01660	-.02660	-.19000	.64500	.04375
.200	GRADIENT	.00013	.00005	-.00008	.00014	.00002	.00043	-.00255	-.01794	.00010	.00011

REFERENCE DATA

SAEF = 4.4119 SQ.FT.

LEEF = 19.2299 INCHES

BREF = 37.9359 INCHES

SCALE = .0405 SCALE

WREF = 43.5974 INCHES

WREF = .0000 INCHES

ZREF = 15.1675 INCHES

PARAMETRIC DATA

ALPHA = 20.000

ELEVON = .000

RUDER = .000

BDFLAP = -12.000

AIRCON = .000

SFDRK = 25.000

RUN NO. 290/ 0

RN/L = 1.42

GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.060	.99920	.28560	-.01370	1.03360	-.06683	-.02870	.03520	.20300	.65700	.04933
.200	-8.040	.98070	.28470	-.00140	1.01870	-.07414	-.02230	-.02860	.15900	.65200	.04651
.200	-6.020	.97370	.28480	.00950	1.01140	-.07803	-.01770	.02270	.12100	.64800	.04411
.200	-3.990	.97130	.28410	.01410	1.00900	-.07720	-.01300	.01610	.08300	.64600	.04361
.200	-2.010	.97330	.28700	.01460	1.01180	-.07639	-.00740	.00910	.04200	.64600	.04482
.200	.000	.97240	.28690	.01590	1.01100	-.07604	-.00250	.00300	.00200	.64600	.04580
.200	2.010	.97420	.28460	.01600	1.01190	-.07906	.00280	-.00190	-.03800	.64600	.04648
.200	4.030	.97050	.27870	.01720	1.00630	-.08305	.00910	-.00700	-.08300	.64500	.04480
.200	6.060	.96660	.27420	.01520	1.00110	-.08584	.01320	-.01510	-.12300	.64600	.04447
.200	8.070	.97260	.27270	.00780	1.00610	-.08937	.01910	-.02180	-.16400	.64900	.04789
.200	10.080	.97220	.27290	-.00240	1.01150	-.09115	.02470	-.02840	-.20200	.65300	.05056
GRADIENT	-.00004	-.00066	-.00066	.00044	-.00027	-.00062	.00271	-.00285	-.02054	-.00010	.00020

DATE 02 JUL 74

TABULATED SOURCE DATA - OM62B

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OM62B 926C9 W7F8 W18E28V9R5X9

(RDZ91) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMAP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMAP = .0000 INCHES
 RREF = 37.9359 INCHES ZMAP = 15.1875 INCHES
 SCALE = 100'S SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILFON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 291/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	COF	CLM	CN	CA	CYN	CBL	CY	XCP/L	CAR
1.00	-4.150	-25640	.04170	.04830	-25870	.02308	-.00190	-.00200	.00600	.72000	.03729
2.00	-2.070	-16340	.03490	.04760	-16460	.02906	-.00190	-.00200	.00500	.75800	.03791
3.00	-1.030	-11410	.03330	.04780	-11470	.03126	-.00200	-.00200	.00600	.80900	.03716
4.00	-.020	-.06720	.03260	.04750	-.06730	.03261	-.00190	-.00200	.00500	.91200	.03637
5.00	1.020	-.01920	.03120	.04770	-.01870	.03157	-.00180	-.00220	.00400	1.59000	.03754
6.00	2.040	.02450	.03140	.04730	.02560	.03054	-.00170	-.00210	.00400	-.02600	.03710
7.00	4.080	.12010	.03350	.04750	.12210	.02495	-.00190	-.00210	.00400	.51800	.03701
8.00	6.160	.21640	.04070	.04640	.21950	.01727	-.00170	-.00190	.00300	.57400	.03508
9.00	8.240	.31640	.04630	.04490	.32010	.00301	-.00170	-.00170	.00200	.60000	.03643
10.00	10.290	.41410	.04420	.04460	.41890	-.01084	-.00160	-.00190	.00200	.61200	.03655
11.00	12.380	.51950	.04620	.04290	.52390	-.02719	-.00150	-.00150	.00100	.60200	.03754
12.00	14.430	.63120	.04690	.03850	.63940	-.04410	-.00090	-.00080	.00000	.62900	.03886
13.00	16.550	.75380	.05910	.03120	.76790	-.06204	-.00080	-.00080	.00000	.63700	.04120
14.00	18.650	.86690	.07620	.02510	.89120	-.07951	-.00160	-.00260	.00100	.64100	.04268
15.00	20.740	.97620	.07560	.02360	1.01110	-.08635	-.00350	-.00440	-.00900	.64500	.04616
16.00	22.800	1.06650	.05380	.01230	1.12130	-.08714	-.00120	-.00620	-.00400	.64800	.05113
17.00	24.880	1.15060	.02110	.00340	1.22210	-.09077	.00110	-.00590	-.00900	.64800	.05469
18.00	26.940	1.22150	.049760	.01440	1.31150	-.11980	.00270	-.00420	-.01100	.64800	.05973
19.00	28.970	1.25750	.06480	.02710	1.37370	-.11498	.00110	-.00530	-.01000	.64400	.06440
20.00	30.920	1.09830	.05500	.01010	1.22320	-.09195	-.00280	-.02420	-.03100	.62900	.07684
GRADIENT	.04576	-.00097	-.00009	-.00609	.04630	.00025	.00001	.00002	-.00028	-.03749	-.00005

04628 B26C9 M7F8 W16E28V9R5X9

(RDZ292) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

RUN NO. 292/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILERON = .000
 RUDDER = .000 SPDBRK = 25.000

MACH	BETA	CL	CLM	CLN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	-.04630	.03270	-.04630	.01879	-.01630	.01060	.18500	.91200	.04153
.200	-8.050	-.05490	.03690	-.05490	.02326	-.01350	.00910	.14900	.89900	.03971
.200	-6.040	-.06070	.04050	-.06070	.02674	-.01010	.00720	.11200	.89700	.03862
.200	-3.990	-.06440	.04390	-.06440	.03027	-.00700	.00540	.07600	.90300	.03736
.200	-2.000	-.06690	.04660	-.06690	.03132	-.00420	.00360	.04000	.90800	.03758
.200	-.010	-.06820	.04770	-.06820	.03300	-.00180	.00200	.00500	.90900	.03623
.200	2.000	-.06900	.04660	-.06900	.03314	.00040	.00060	-.02800	.90000	.03623
.200	4.020	-.06650	.04390	-.06650	.03042	.00310	-.00090	-.06400	.89500	.03833
.200	6.050	-.06110	.04050	-.06120	.02690	.00650	-.00280	-.10200	.89600	.03387
.200	8.060	-.05660	.03650	-.05660	.02303	.00980	-.00470	-.14000	.88900	.04074
.200	10.080	-.04780	.03180	-.04790	.01843	.01360	-.00690	-.17700	.88600	.04107
GRADIENT	-.00031	.00010	-.00000	-.00032	.00010	.00124	-.00078	-.01738	-.00120	.00003

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

04628 B26C9 M7F8 W16E28V9R5X9

(RDZ293) (07 JUN 74)

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILERON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 293/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CLN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.18970	.02370	.19100	.00659	-.01810	.01820	.18600	.59000	.04080
.200	-8.050	.18450	.02820	.18630	.01159	-.01450	.01460	.14900	.58000	.03852
.200	-6.040	.17870	.03200	.18090	.01585	-.01060	.01120	.11200	.57000	.03766
.200	-3.980	.17320	.03500	.17560	.01940	-.00720	.00780	.07500	.56100	.03542
.200	-2.020	.17000	.03640	.17260	.02105	-.00420	.00460	.03800	.55500	.03492
.200	.000	.16910	.03690	.17170	.02164	-.00180	.00200	.00300	.55100	.03524
.200	2.010	.16900	.03520	.17150	.01996	.00060	-.00060	-.03100	.55400	.03770
.200	4.030	.17370	.03310	.17590	.01745	.00320	-.00360	-.06600	.56100	.03951
.200	6.050	.17550	.03010	.17750	.01431	.00630	-.00860	-.10300	.56900	.04104
.200	8.060	.18220	.02730	.18390	.01090	.00990	-.01010	-.14100	.58000	.04136
.200	10.070	.18680	.02220	.18800	.00540	.01410	-.01380	-.18000	.59000	.04315
GRADIENT	.00000	-.00025	.00001	-.00002	-.00025	.00128	-.00140	-.01750	-.00004	.00055

0A628 B26C9 M7F8 W16E28V9R5X9

(RDZ294) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 294/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.060	.43620	.05510	.02860	.43900	-.02388	-.01810	.02560	.18400	.62800	.04209
.200	-8.050	.43120	.05920	.03370	.43480	-.01889	-.01520	.02130	.14900	.62400	.03882
.200	-6.040	.42590	.06120	.03680	.43000	-.01671	-.01140	.01640	.11100	.62000	.03681
.200	-3.990	.42170	.06160	.04140	.42590	-.01490	-.00750	.01140	.07200	.61600	.03671
.200	-2.000	.41920	.06230	.04350	.42360	-.01378	-.00440	.00630	.03800	.61400	.03717
.200	-1.010	.41550	.06350	.04390	.42020	-.01190	-.00170	.00190	.00300	.61300	.03601
.200	2.010	.41510	.06340	.04360	.41970	-.01191	.00080	-.00240	-.00300	.61300	.03610
.200	4.020	.41790	.06070	.04070	.42200	-.01511	.00360	-.00710	-.00700	.61600	.03767
.200	6.050	.42570	.05800	.03600	.42930	-.01920	.00660	-.01190	-.01000	.62100	.04072
.200	8.050	.42620	.05660	.03190	.42940	-.02056	.00980	-.01670	-.01400	.62400	.04104
.200	10.070	.43140	.05400	.02810	.43410	-.02422	.01300	-.02120	-.01700	.62800	.04378
GRADIENT	-.00058	-.00058	-.00064	-.00007	-.00058	.00007	.00137	-.00228	-.01732	-.00005	.00104

0A628 B26C9 M7F8 W16E28V9R5X9

(RDZ295) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

RUN NO. 295/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.050	.71090	.12990	.01470	.71980	-.06519	-.01940	.03030	.18600	.64400	.04236
.200	-8.050	.70280	.13100	.02100	.71230	-.06181	-.01610	.02480	.14900	.64100	.04101
.200	-6.020	.69400	.13360	.02910	.70440	-.05694	-.01130	.01810	.11000	.63600	.03775
.200	-3.980	.68930	.13290	.03330	.69980	-.05632	-.00760	.01220	.07200	.63400	.03861
.200	-2.000	.68890	.13460	.03440	.69980	-.05482	-.00390	.00600	.03600	.63400	.03901
.200	-1.010	.69050	.13590	.03460	.70170	-.05386	-.00080	.00070	.00000	.63400	.03975
.200	2.010	.69010	.13560	.03450	.70120	-.05399	.00180	-.00400	-.00300	.63400	.03947
.200	4.040	.69250	.13330	.03240	.70290	-.05682	.00460	-.00910	-.00700	.63500	.03980
.200	6.050	.69560	.13150	.02810	.70640	-.05971	.00690	-.01450	-.01000	.63700	.04121
.200	8.050	.70300	.12970	.01930	.71210	-.06318	.01190	-.02090	-.01500	.64200	.04144
.200	10.080	.70730	.12870	.01350	.71600	-.06522	.01630	-.02670	-.01800	.64500	.04161
GRADIENT	.00038	.00019	.00009	-.00009	.00038	-.00002	.00150	-.00262	-.01780	.00010	.00014

(RDZ296) (07 JUN 74)

QM62B B26C9 M7F8 W116E28V9R5X9

PARAMETRIC DATA

ALPHA = 20.0000 BDFLAP = -12.0000
ELEVON = .0000 AILERON = .0000
RUDDER = .0000 SPDRK = 25.0000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 296/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.99990	.28470	-.01420	1.03590	-.08800	-.02880	.03510	.20400	.65700	-.04946
.200	-8.030	.98400	.28280	-.00170	1.02040	-.08395	-.02240	.02890	.16000	.65200	.04775
.200	-6.020	.97100	.28250	.00940	1.00680	-.07962	-.01750	.02270	.12000	.64800	.04317
.200	-4.000	.97090	.28240	.01370	1.00080	-.07960	-.01310	.01620	.08400	.64700	.04310
.200	-2.000	.97510	.28480	.01390	1.01260	-.07288	-.00770	.00900	.04200	.64700	.04573
.200	.000	.97190	.28470	.01590	1.00970	-.07766	-.00260	.00300	.00200	.64600	.04562
.200	2.020	.97470	.28330	.01590	1.01180	-.08021	.00260	-.00220	-.03800	.64600	.04570
.200	4.040	.96860	.27700	.01760	1.00390	-.08383	.00850	-.00810	-.08100	.64500	.04380
.200	6.060	.96730	.27220	.01500	1.00000	-.08780	.01290	-.01550	-.12100	.64600	.04460
.200	8.070	.97330	.27380	.00770	1.00620	-.09130	.01830	-.02240	-.16200	.64900	.04783
.200	10.080	.98200	.27150	-.00280	1.01450	-.09366	.02440	-.02880	-.20600	.65300	.05108
GRADIENT	-.00025	-.00061	-.00061	.00045	-.00046	-.00049	.00266	-.00297	-.02040	-.00025	.00007

OM628 B26C9 W7F8 W116F28*85X9

(RDZ297) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2259 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0415 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 ALLRON = .000
RUDDER = .000 SPDRK = .000

RUN NO. 297/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.140	-2.4730	.03590	.03880	-2.4920	.01794	-.00120	.00170	.00500	.70900	.03431
.200	-2.070	-1.1530	.02910	.03620	-1.1540	.02360	-.00120	.00170	.00400	.74300	.03420
.200	-1.030	-0.5610	.02730	.03840	-1.0660	.02539	-.00130	.00160	.01500	.78400	.02358
.200	-0.020	-0.05380	.02540	.03850	-0.05980	.02542	-.00130	.00160	.00400	.82500	.03583
.200	1.000	-0.01300	.02460	.03860	-0.01250	.02469	-.00110	.00160	.00300	1.78100	.03397
.200	2.030	.03370	.02540	.03870	.03460	.02418	-.00110	.00170	.00300	.00000	.03311
.200	4.030	.12840	.02680	.03880	.13000	.01755	-.00120	.00150	.00300	.54200	.03415
.200	6.170	.22320	.02310	.03820	.22600	.00886	-.00110	.00160	.00200	.59300	.03243
.200	8.240	.32260	.02200	.03680	.32590	-.01360	-.00120	.00150	.00100	.61000	.03224
.200	10.320	.42430	.05760	.03670	.42780	-.01931	-.00110	.00150	.00100	.62000	.03336
.200	12.390	.52850	.03020	.03540	.53340	-.03504	-.00070	.00100	.00000	.62700	.03478
.200	14.460	.64190	.11190	.03090	.64950	-.05202	-.00040	.00050	.00000	.63400	.03670
.200	16.540	.75970	.15360	.02290	.77110	-.06881	-.00050	.00000	-.00100	.64100	.03801
.200	18.640	.87870	.20360	.01690	.89770	-.08803	-.00130	.00240	.00000	.64900	.04090
.200	20.710	.98150	.26970	.01160	1.01340	-.09496	.00490	.00410	-.00000	.64700	.04159
.200	22.810	1.07500	.35130	.00370	1.12740	-.09294	.00000	.00560	-.00400	.65000	.04005
.200	24.880	1.16560	.42230	.00410	1.23510	-.11074	.00140	.00580	-.00100	.65000	.03809
.200	26.950	1.22380	.49590	.00600	1.32100	-.11544	.00020	.00460	-.00400	.65000	.03562
.200	28.990	1.26910	.56270	.01810	1.38280	-.12289	.00110	.00570	-.00100	.64700	.03364
.200	30.900	1.31020	.54870	.08190	1.23430	-.09182	-.00270	.02460	-.03300	.62000	.03731
GRADIENT		.04568	-.00018	.00003	.04611	-.00012	.00001	-.00002	-.00028	-.01579	-.00007

OA628 B26C9 M7F8 W116E28V8R5X9

(RDZ299) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 298/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.04100	.01260	.02450	-.04100	.01263	-.01140	.00770	.17600	.87200	.03773
.200	-8.040	-.04620	.01680	.02800	-.04620	.01682	-.01090	.00740	.14300	.87500	.03601
.200	-6.030	-.05060	.01970	.03140	-.05060	.01971	-.00780	.00630	.10700	.88000	.03563
.200	-3.990	-.05580	.02340	.03440	-.05580	.02339	-.00530	.00450	.07200	.87900	.03420
.200	-2.000	-.06000	.02450	.03720	-.06000	.02452	-.00320	.00310	.03800	.88000	.03425
.200	-.010	-.06110	.02610	.03820	-.06110	.02612	-.00130	.00170	.00500	.88200	.03329
.200	2.020	-.06010	.02520	.03780	-.06010	.02520	.00060	.00040	.00290	.88300	.03446
.200	4.040	-.05890	.02310	.03540	-.05890	.02315	.00290	-.00090	-.06300	.87300	.03561
.200	6.050	-.05430	.01990	.03240	-.05430	.01992	.00520	-.00240	-.09900	.87100	.03663
.200	8.070	-.04820	.01630	.02860	-.04820	.01634	.00770	-.00380	-.13500	.87100	.03720
.200	10.090	-.04260	.01140	.02430	-.04260	.01139	.01000	-.00510	-.16900	.86200	.03856
GRADIENT	-.00031	.00000	.00013	.00013	-.00031	.00001	.00101	-.00067	-.01678	-.00045	.00015

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 299/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.19550	.01870	.02430	.19640	.00039	-.01330	.01540	.17700	.60600	.03787
.200	-8.040	.19090	.02260	.02890	.19210	.00537	-.01090	.01270	.14200	.59700	.03532
.200	-6.010	.18680	.02520	.03170	.18830	.00838	-.00820	.00990	.10700	.59000	.03505
.200	-3.980	.18280	.02780	.03440	.18460	.01114	-.00540	.00680	.07100	.58300	.03345
.200	-1.990	.17860	.02950	.03680	.18050	.01333	-.00390	.00390	.03600	.57700	.03309
.200	.000	.17700	.03010	.03850	.17900	.01408	-.00110	.00160	.00300	.57200	.03297
.200	2.030	.17840	.02860	.03770	.18030	.01270	.00050	-.00070	-.03000	.57500	.03511
.200	4.040	.17970	.02840	.03550	.18150	.01222	.00270	-.00330	-.06500	.58000	.03442
.200	6.060	.18320	.02470	.03230	.18470	.00816	.00460	-.00670	-.10000	.58700	.03735
.200	8.070	.18780	.02140	.02890	.18900	.00441	.00760	-.00910	-.13600	.59600	.03777
.200	10.070	.19420	.01620	.02430	.19490	-.00128	.01110	-.01240	-.17400	.60600	.03966
GRADIENT	-.00032	.00002	.00015	.00015	-.00032	.00007	.00098	-.00124	-.01625	-.00039	.00012

04628 B26C9 MTF8 W16E28VR5X9

(002300) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000

RUN NO. 300/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	ACP/L	CAB
.200	-10.040	.44190	.05200	.02290	.44410	-.02805	-.01370	.02310	.17400	.63300	.03849
.200	-8.050	.43660	.05450	.02630	.44150	-.02493	-.01120	.01910	.14100	.63000	.03664
.200	-6.060	.43270	.05660	.02930	.43590	-.02180	-.00850	.01470	.10500	.62600	.03445
.200	-4.080	.42710	.05780	.03360	.43040	-.02038	-.00530	.01130	.06900	.62300	.03229
.200	-2.090	.42310	.05860	.03620	.42560	-.01813	-.00320	.00570	.03500	.62000	.03196
.200	.000	.42480	.05930	.03670	.42830	-.01182	-.00110	.00160	.01100	.62000	.03361
.200	2.020	.42230	.05830	.03580	.42590	-.01200	.00070	-.00240	-.01000	.62100	.03334
.200	4.030	.42520	.05610	.03350	.42340	-.01236	.00260	-.01570	-.01550	.62300	.03245
.200	6.070	.42780	.05440	.02980	.42060	-.02315	.00470	-.01110	-.01300	.62600	.03165
.200	8.090	.43400	.05200	.02630	.41630	-.02650	.00710	-.01560	-.01360	.62900	.03071
.200	10.080	.43680	.04960	.02330	.41270	-.02949	.00940	-.01950	-.01700	.63200	.02953
GRADIENT	-0.0022	-0.0001	-0.0001	-0.0003	-0.0023	-0.0006	.00100	-.00210	-.01669	.00005	.00009

04628 B26C9 MTF8 W16E28VR5X9

(002300) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000

RUN NO. 301/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	ACP/L	CAB
.200	-10.040	.71670	.12680	.00910	.72440	-.05681	-.01430	.02770	.17600	.64700	.04139
.200	-8.050	.70920	.12840	.01530	.71770	-.06619	-.01170	.02250	.14000	.64400	.03822
.200	-6.060	.70510	.13330	.02360	.71420	-.06321	-.00950	.01710	.10700	.64100	.03622
.200	-4.080	.69780	.12930	.02820	.70700	-.06824	-.00580	.01110	.07000	.63900	.03627
.200	-2.090	.69810	.13110	.02710	.70770	-.06161	-.00260	.00520	.03300	.63400	.03649
.200	.000	.70070	.13170	.02710	.71040	-.06168	-.00040	.00050	.00000	.63700	.03771
.200	2.010	.70000	.13260	.02650	.71000	-.05964	.00150	-.00390	-.01350	.63800	.03660
.200	4.040	.70120	.13050	.02430	.70560	-.06178	.00360	-.00270	-.01270	.63900	.03664
.200	6.060	.70280	.12790	.02180	.71230	-.06531	.00560	-.01190	-.01070	.64100	.03757
.200	8.060	.71190	.12710	.01900	.71310	-.06783	.00810	-.01490	-.01400	.64500	.03913
.200	10.080	.71980	.12630	.01450	.72740	-.07111	.01220	-.02460	-.01810	.64800	.04103
GRADIENT	-0.0033	-0.0019	-0.0007	-0.0007	-0.0037	-0.0009	.00114	-.00242	-.01332	.00004	.00004



(022302) (07 JUN 74)

04628 B26C9 M7F8 W16E28V8R5X9

PARAMETRIC DATA

ALPHA = 20.000 BOFLAP = -12.000
ELEVON = .0000 AILRON = .0000
RUDER = .0000 SPDURK = .0000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 302/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.070	1.00660	.28630	-.01960	1.04280	-.08879	-.02450	.03100	.09500	.65900	.04934
.200	-8.060	.98650	.28350	-.02860	1.02300	-.08418	-.01980	.02620	.15400	.65500	.04457
.200	-6.050	.97810	.28340	-.03130	1.01510	-.08124	-.01700	.02100	.18000	.65100	.04145
.200	-4.040	.98010	.28000	-.03520	1.01580	-.08522	-.01130	.01520	.07900	.65000	.04189
.200	-2.030	.98330	.28320	-.03620	1.01990	-.08348	-.00600	.00870	.03900	.64900	.04361
.200	-.010	.97960	.28200	-.03870	1.01600	-.08319	-.00220	.00240	.00200	.64800	.04301
.200	2.010	.98260	.28000	-.03890	1.01810	-.08614	.00240	-.00210	-.03900	.64800	.04429
.200	4.030	.97860	.27440	-.03990	1.01230	-.08988	.00760	-.00820	-.08000	.64800	.04300
.200	6.050	.97660	.26990	-.04010	1.00890	-.09341	.01170	-.01520	-.11900	.64900	.04317
.200	8.060	.98100	.26750	-.04050	1.01210	-.09722	.01630	-.02140	-.18000	.65100	.04661
.200	10.080	.98710	.26990	-.04780	1.01870	-.09711	.02000	-.02660	-.19800	.65400	.04925
	GRADIENT	-.00018	-.00072	.00051	-.00044	-.00060	.00230	-.00266	-.01969	-.00025	.00014

04628 B26C9 F8 W16E20NR5X9

(RD2303) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.0000
 ELEVON = .0000 AILRON = .0000
 RUDDER = .0000 SPDRK = .0000

RUN NO. 303/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.130	-2.1170	.03090	.03370	.11100	.01555	-.00130	.00180	.00500	.71000	.01835
.200	-2.080	-1.1830	.02670	.03350	.11100	.02176	-.00130	.00170	.00400	.75500	.01867
.200	-1.030	-.06920	.02510	.03340	.11100	.02388	-.00130	.00170	.00400	.80000	.01819
.200	-.020	-.02340	.02390	.03330	-.02350	.02392	-.00130	.00170	.00400	1.18800	.01892
.200	1.030	.02490	.02460	.03320	.02350	.02421	-.00130	.00180	.00300	.15600	.01851
.200	2.060	.07190	.02550	.03500	.07280	.02294	-.00130	.00180	.00300	.47500	.01847
.200	4.110	.16590	.02910	.03500	.16760	.01714	-.00130	.00170	.00300	.57500	.01890
.200	6.130	.26190	.03590	.03440	.26430	.00747	-.00130	.00170	.00200	.60400	.01895
.200	8.230	.35950	.04730	.03300	.36060	-.00465	-.00140	.00130	.00200	.61800	.01923
.200	10.330	.46350	.06470	.03300	.46360	-.01194	-.00140	.00150	.00200	.62600	.02002
.200	12.430	.56360	.08060	.03120	.56970	-.03352	-.00090	.00130	.00000	.63100	.01898
.200	14.510	.68240	.10330	.02720	.69160	-.05162	-.00040	.00050	-.00100	.63700	.02126
.200	16.590	.79750	.12730	.01970	.81200	-.06740	-.00070	.00070	-.00100	.64300	.02116
.200	18.660	.92170	.16730	.01460	.94170	-.08293	-.00170	.00250	.00000	.64800	.02613
.200	20.770	1.01340	.20930	.00960	1.05040	-.08844	.00570	.00250	-.01500	.64800	.02607
.200	22.830	1.11170	.26830	-.00380	1.17220	-.08093	-.00080	.00510	-.00200	.65300	.03194
.200	24.890	1.19840	.45190	-.00490	1.27730	-.03459	.00190	.00670	-.00900	.65300	.03763
.200	26.980	1.26340	.52480	-.00320	1.36400	-.01567	.00070	.00540	-.01000	.65300	.04014
.200	28.990	1.28210	.57830	.01260	1.43180	-.11559	.00120	.00910	-.01600	.64800	.04622
.200	30.920	1.12150	.57340	.06600	1.25780	-.08263	-.00220	.01350	-.01900	.63200	.05593
GRADIENT	.04589	.04589	-.00020	.00019	.04630	.00021	.00000	-.00000	-.00025	-.04590	.00005



04628 B26C9 F8 W16E28V8R5X9

(R02304) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 304/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPDBRK = .000

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	-.00810	-.01360	.02270	-.00810	.01360	-.01190	.01140	.17300	1.68300	.02056
.200	-8.030	-.01300	-.01670	.02570	-.01300	.01673	-.01050	.01040	.14100	1.37900	.01969
.200	-6.040	-.01460	-.01900	.02810	-.01460	.01906	-.00880	.00880	.10800	1.35800	.01923
.200	-3.980	-.02050	-.02220	.03100	-.02060	.02225	-.00590	.00640	.07200	1.20500	.01835
.200	-2.010	-.02130	-.02340	.03310	-.02230	.02342	-.00360	.00410	.03900	1.19700	.01853
.200	.000	-.02340	-.02460	.03390	-.02380	.02460	-.00140	.00170	.00500	1.17500	.01875
.200	2.000	-.02420	-.02370	.03320	-.02420	.02352	.00090	.00040	-.02900	1.15600	.01929
.200	4.040	-.02090	-.02150	.03130	-.02090	.02158	.00280	-.00280	-.06400	1.20300	.01948
.200	6.050	-.01760	-.01920	.02830	-.01760	.01919	.00590	-.00530	-.09800	1.24400	.01926
.200	8.050	-.01400	-.01500	.02530	-.01400	.01500	.00740	-.00740	-.13500	1.31600	.02036
.200	10.080	-.00720	-.01130	.02160	-.00720	.01137	.00830	-.00940	-.16900	1.74900	.02101
GRADIENT	-.00213	-.00006	-.00006	.00203	-.00012	-.00006	.00115	-.00114	-.01696	-.00222	.00018

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

04628 B26C9 F8 W16E28V8R5X9

(R02305) (07 JUN 74)

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 305/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	-.02630	-.02350	.02450	.02250	.00313	-.01420	.01890	.17600	.61200	.02108
.200	-8.060	-.02360	-.02610	.02700	.02500	.00599	-.01230	.01600	.14400	.60700	.01986
.200	-6.030	-.01940	-.02800	.02940	.02060	.00827	-.00980	.01280	.10900	.60200	.01891
.200	-4.000	-.01600	-.03000	.03180	.01860	.01045	-.00650	.00890	.07200	.59800	.01879
.200	-2.020	-.01500	-.03260	.03340	.01710	.01327	-.00360	.00490	.03700	.59500	.01819
.200	.000	-.01220	-.03280	.03450	.01430	.01374	-.00140	.00150	.00300	.59200	.01882
.200	2.000	-.01360	-.03180	.03360	.01560	.01258	.00060	-.00180	-.02900	.59400	.01962
.200	4.030	-.01590	-.03020	.03160	.01770	.01073	.00340	-.00540	-.06400	.59800	.01918
.200	6.050	-.01760	-.02700	.02940	.01910	.00744	.00630	-.00920	-.10100	.60200	.02037
.200	8.050	-.02100	-.02460	.02630	.02230	.00472	.00920	-.01300	-.13700	.61800	.02020
.200	10.070	-.02660	-.02120	.02310	.02250	.00079	.01250	-.01670	-.17500	.61400	.02190
GRADIENT	-.00016	-.00002	-.00002	-.00001	-.00016	-.00001	.00120	-.00176	-.01683	-.00005	.00011

OA628 B26C9 F8 W16E28W8R5X9

(RDZ306) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 306/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.47290	.06050	.02250	.47610	-.02327	-.01540	.02720	.17500	.63400	.02185
.200	-8.050	.47150	.06240	.02370	.47510	-.02315	-.01240	.02260	.14000	.63200	.02048
.200	-6.020	.46770	.06340	.02780	.47150	-.02146	-.00940	.01790	.10400	.63000	.01945
.200	-4.000	.46530	.06470	.02990	.46930	-.01981	-.00640	.01240	.06800	.62800	.01893
.200	-1.990	.46310	.06530	.03170	.46930	-.01917	-.00360	.00670	.03500	.62700	.01947
.200	.000	.46300	.06610	.03300	.46740	-.01796	-.00150	.00140	.00200	.62600	.01924
.200	2.000	.46110	.06460	.03190	.46520	-.01908	.00090	-.00350	-.03100	.62600	.01971
.200	4.020	.46450	.06300	.02950	.46830	-.02138	.00340	-.00900	-.06800	.62800	.02142
.200	6.050	.46670	.06130	.02750	.47010	-.02328	.00590	-.01450	-.10100	.63000	.02079
.200	8.080	.46870	.05910	.02450	.47170	-.02589	.00890	-.01980	-.13600	.63200	.02167
.200	10.070	.47180	.05610	.02270	.47420	-.02980	.01210	-.02450	-.17300	.63400	.02418
GRADIENT	-.00028	-.00028	-.00021	-.00003	-.00000	-.00015	.00120	-.00265	-.01658	-.00005	.00016

OA628 B26C9 F8 W16E28W8R5X9

(RDZ307) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 307/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.030	.74530	.13850	.01100	.75320	-.06628	-.01280	.03130	.16400	.64600	.02474
.200	-8.030	.74340	.13930	.01590	.75360	-.06508	-.01070	.02550	.13200	.64400	.02238
.200	-6.020	.74130	.14080	.01820	.75190	-.06310	-.01010	.01980	.10400	.64300	.02131
.200	-3.980	.73960	.14160	.02080	.75050	-.06182	-.00920	.01310	.06700	.64100	.02178
.200	-2.000	.73860	.14280	.02320	.74980	-.06039	-.00830	.00630	.03200	.64000	.02146
.200	.000	.73830	.14350	.02390	.74970	-.05960	-.00850	.00050	.00000	.64000	.02185
.200	2.010	.74000	.14300	.02220	.75130	-.06059	.00160	-.00480	-.03400	.64100	.02232
.200	4.040	.74320	.14130	.01920	.75390	-.06304	.00400	-.01050	-.07000	.64200	.02329
.200	6.050	.74390	.1391	.01590	.75390	-.06547	.00680	-.01680	-.10400	.64400	.02304
.200	8.070	.74740	.13750	.01210	.75690	-.06796	.00770	-.02230	-.13400	.64600	.02385
.200	10.090	.74850	.13640	.00800	.75770	-.06920	.00940	-.02440	-.16700	.64800	.02710
GRADIENT	.00043	.00043	-.00002	-.00021	.00042	-.00013	.00124	-.00291	-.01696	.00015	.00019

Q628 B26C9 F8 W16E28W85X8

(RD23GR) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2239 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPOILER = .000

RUN NO. 308/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.050	1.02150	-0.01490	1.05300	-0.07732	-0.02290	.03170	.18500	.65700	.02940
.200	-8.050	1.01110	-0.00200	1.05190	-0.07732	-0.02040	.02770	.15000	.65500	.02719
.200	-6.020	1.00080	-0.00290	1.05050	-0.07482	-0.01820	.02280	.11700	.65300	.02604
.200	-3.990	1.01360	-0.00190	1.05610	-0.07351	-0.01230	.01660	.07800	.65200	.02796
.200	-2.000	1.01290	.000190	1.05510	-0.07401	-0.00820	.00810	.04200	.65100	.02831
.200	.000	1.00960	.00400	1.05230	-0.07228	-0.00340	.00350	.00400	.65000	.03314
.200	2.000	1.00940	.00200	1.05220	-0.07175	.00340	.00050	-.04000	.65100	.03143
.200	4.030	1.01020	.00200	1.05020	-0.07527	.00890	-.01630	-.08000	.65100	.02980
.200	6.040	1.00740	.00070	1.04320	-0.08199	.01270	-.01460	-.11700	.65100	.02814
.200	8.050	1.00320	.00020	1.03950	-0.08779	.01690	-.02110	-.15400	.65100	.02815
.200	10.070	1.00210	-0.00460	1.03880	-0.08675	.01970	-.02630	-.18900	.65300	.02978
GRADIENT		-.00051	.00039	-.00073	-0.00046	.00020	-.00266	-.01946	-.00010	.00029



04628 B26C9G15W7F0J43W16E28W85X10

(02309) (07 JUN 74)

REFERENCE DATA

SHEF = 4.4119 53.171 XMEP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMEP = .0000 INCHES
 BREF = 37.9359 INCHES ZMEP = 35.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.000
 ELEWIN = .0000 AILRON = .000
 RUDDER = .0000 SPODER = .000

RUN NO. 309/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.1375	-25220	.07570	.01100	-25700	.05718	-0.0130	.00220	.00600	.66800	.03475
.200	-2.1110	-15230	.06710	.01480	-15470	.06147	-0.0140	.00210	.00600	.66700	.03513
.200	-1.0790	-10360	.06410	.01740	-10470	.06219	-0.0130	.00210	.00600	.71300	.03498
.200	-.0400	-03280	.06200	.01980	-05520	.06198	-0.0140	.00220	.00600	.79000	.03552
.200	.9800	-02420	.06120	.02260	-00310	.06131	-0.0150	.00220	.00600	3.27300	.03515
.200	2.0000	.04620	.06100	.02500	.04230	.05941	-0.0140	.00200	.00500	.45900	.03524
.200	4.1000	.14310	.06320	.03070	.14730	.05283	-0.0140	.00190	.00500	.57500	.03489
.200	6.1700	.24320	.06940	.03480	.24930	.03213	-0.0130	.00200	.00400	.61000	.03457
.200	8.2500	.34230	.08210	.04030	.35160	.01917	-0.0120	.00240	.00200	.61900	.03415
.200	10.3300	.43820	.09940	.04780	.44900	.00572	-0.0100	.00220	.00100	.61400	.03379
.200	12.3900	.53340	.12300	.05590	.54740	.00938	-0.0080	.00170	.00000	.61600	.03353
.200	14.4700	.63160	.15300	.06340	.64990	.01247	-0.0040	.00160	.00000	.61700	.03300
.200	16.5600	.72720	.19110	.07100	.75150	.01668	-0.0010	.00140	.00000	.61800	.03155
.200	18.6400	.81710	.23470	.07690	.84320	.02088	-0.0010	.00140	.00000	.61900	.03152
.200	20.7100	.90140	.28280	.08350	.94310	.02520	-0.0010	.00140	.00000	.62100	.03099
.200	22.7500	.96610	.33100	.08700	1.02850	.02904	-0.0010	.00140	.00000	.62200	.03093
.200	24.8200	1.01340	.38200	.08660	1.10680	.03352	-0.0010	.00140	.00000	.62300	.03119
.200	26.8500	1.05550	.42950	.08130	1.15830	.03691	-0.0010	.00140	.00000	.61900	.03059
.200	28.8900	1.09150	.47560	.07400	1.16680	.03651	-0.0010	.00140	.00000	.61400	.03059
.200	30.8700	1.04120	.52100	.06400	1.18660	.03428	-0.0010	.00140	.00000	.61300	.03059
.200	GRADIENT	.04796	-0.00150	.01242	.04835	.03052	-0.0010	.00000	.00000	.03909	.03113

QM828 B26C9615M7F8J43M16E2A0R5X03

(602310) (07 JUN 74)

REFERENCE DATA

SECF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = 1:4.5 SCALE

PARAMETRIC DATA

BETA = .000 BDELAP = 22.000
 ELEVON = .000 AIRRON = .000
 RUDDER = .000 SPOBRK = .000

RUN NO. 310/0 RM/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	KCF/L	CAB
.200	-4.160	-1.8570	.07240	-.02340	-.19350	.05873	-.00100	.00210	.001500	.60600	.03346
.200	-2.060	-.08740	.06550	-.02020	-.08970	.05235	-.00090	.00210	.00400	.56300	.03440
.200	-1.040	-.03780	.06430	-.01760	-.03890	.06365	-.00090	.00210	.00400	.48300	.03364
.200	-.010	.01170	.06330	-.01510	.01160	.06335	-.00100	.00210	.00500	1.12800	.03378
.200	1.000	.06060	.06270	-.01280	.06170	.06165	-.00100	.00190	.00400	.72800	.03512
.200	2.050	.11080	.06410	-.01030	.11300	.06328	-.00090	.00190	.00400	.68500	.03410
.200	4.120	.21030	.06810	-.00640	.21470	.05233	-.00090	.00170	.00300	.66300	.03483
.200	6.210	.30910	.07770	-.00290	.31570	.04381	-.00090	.00180	.00100	.65500	.03355
.200	8.290	.40880	.09210	.00180	.41790	.04219	-.00090	.00200	.00200	.65000	.03487
.200	10.350	.50480	.11300	.00660	.51690	.02048	-.00080	.00220	.00200	.65000	.03532
.200	12.440	.60460	.14050	.01500	.62060	.00692	-.00060	.00210	-.00100	.64300	.03700
.200	14.510	.70330	.17440	.02060	.72450	-.00749	-.00040	.00160	-.00100	.64100	.03832
.200	16.580	.79960	.21440	.02410	.82760	-.02229	-.00070	.00160	-.00300	.64100	.04099
.200	18.650	.89490	.26390	.02720	.93230	-.03622	-.00060	.00130	-.00300	.64100	.04199
.200	20.720	.98090	.31710	.03060	1.02970	-.05079	-.00030	.00170	-.00100	.64100	.04406
.200	22.790	1.05550	.40680	.02380	1.11150	-.03205	-.00180	.00050	.00000	.54400	.04955
.200	24.860	1.12410	.46750	.02870	1.21650	-.04851	.00020	.00050	-.02500	.14300	.05455
.200	26.900	1.15870	.53300	.03330	1.27450	-.04894	.00680	.00270	-.01700	.64200	.05943
.200	28.930	1.16870	.59690	.04730	1.31120	-.04318	.00110	.00160	-.00800	.63800	.06174
.200	30.940	1.16420	.64910	.05650	1.33270	-.04181	.00160	-.00100	-.00100	.63600	.07042
.200	GRADIENT	.04792	-.00050	.00213	.04903	-.00069	.00001	-.00005	-.00004	.00117	.00015

(RDZ311) (07 JUN 74)

0A529 826C9G15M7F8J43W16E28V8R5XJ0

REFERENCE DATA

SREF = 4.419 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .5000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .5405 SCALE

BETA =
ELEVON =
RUDDER =

```
BCFLAP = -12.000
AILRON = .000
SPCBRK = .000
```

PARAMETRIC DATA

FIN NO. 311 / G RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

ALPHA	CL	CDF	CLM	CN	CAP	CYN	CBL	CY	XCP/L	CAB
0.200	0.03095	0.06935	-1.1115	0.2600	0.7136	-0.00120	0.00240	0.00500	2.21800	0.04282
0.200	0.12935	0.07035	-1.0665	0.12695	0.7463	-0.00120	0.00240	0.00500	0.96100	0.04226
0.200	0.17735	0.07185	-1.0405	0.17620	0.7458	-0.00115	0.002	0.00500	0.69300	0.04229
0.200	0.22645	0.07540	-1.0165	0.22660	0.7477	-0.00130	0.00240	0.00600	0.81700	0.04146
0.200	0.27535	0.07795	-0.99935	0.27680	0.7225	-0.00120	0.00240	0.00400	0.78400	0.04241
0.200	0.32115	0.08295	-0.95850	0.32405	0.7053	-0.00120	0.00240	0.00400	0.65400	0.04073
0.200	0.41325	0.09295	-0.88850	0.41900	0.66185	-0.00140	0.00190	0.00400	0.04156	0.04073
0.200	0.51635	0.11040	-0.88725	0.52335	0.65258	-0.00140	0.00200	0.00400	0.72900	0.04156
0.200	0.61090	0.13120	-0.80015	0.63365	0.64024	-0.00135	0.00210	0.00300	0.71300	0.03978
0.200	0.70695	0.15760	-0.72295	0.72380	0.6261	-0.00140	0.00230	0.00300	0.69900	0.04075
0.200	0.80250	0.19420	-0.66565	0.82550	0.6160	-0.00150	0.00180	0.00200	0.68100	0.04092
0.200	0.89685	0.23815	-0.65845	0.92680	0.6074	-0.00150	0.00180	0.00100	0.67100	0.04339
0.200	0.97915	0.27775	-0.64850	1.01760	0.61577	-0.00140	0.00160	0.00200	0.66900	0.04578
0.200	1.04735	0.32455	-0.63460	1.09800	0.63007	-0.00115	0.00130	0.00100	0.66300	0.04699
0.200	25.835	0.37515	-0.62175	1.17120	0.64331	-0.00210	0.00170	0.00100	0.65900	0.04998
0.200	1.14560	0.47425	-0.61560	1.23990	0.60895	-0.00280	-0.00260	0.00600	0.65600	0.05642
0.200	1.19355	0.51255	-0.60625	1.29835	0.63909	-0.00800	0.00460	-0.02100	0.65000	0.05612
0.200	1.18760	0.56955	0.02865	1.31670	0.63102	-0.00020	0.00240	0.00400	0.66007	0.06007
0.200	1.14295	0.60295	0.06180	1.29195	0.62612	-0.00020	0.00040	0.00300	0.63400	0.06791
0.200	1.09780	0.63380	0.09535	1.26755	0.62141	-0.00115	-0.00250	0.00200	0.62700	0.07190
0.200	0.94646	0.60290	0.00275	0.64775	0.60112	-0.00002	-0.00005	-0.00015	-1.14937	-0.00018

OM628 B26C9G15W7F8J43W116E28W85D10

(HD2312) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
YREF = 19.2239 INCHES YREF = .0000 INCHES
ZREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0475 SCALE

PARAMETRIC DATA

BETA = .000 BDELAP = -12.000
ELEVON = -10.000 AILPON = .000
RUDDER = .000 SPDRPX = .000

RUN NO. 312/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.20	-4.130	-1.46450	.10150	.19950	-.47080	.06640	-.00120	.00220	.00700	.72900	.02876
.20	-2.120	-.36330	.04670	.10190	-.36630	.07257	-.00130	.00210	.00600	.75400	.02697
.20	-1.120	-.13190	.03040	.10100	-.31150	.07333	-.00110	.00200	.00500	.77100	.02940
.20	-.130	-.25210	.07510	.10610	-.26220	.07450	-.00130	.00200	.00300	.80100	.02919
.20	.880	-.12120	.07370	.10650	-.21100	.07400	-.00140	.00190	.00100	.84100	.02961
.20	1.810	-.16910	.06790	.11110	-.15980	.07323	-.00140	.00180	.00400	.90400	.02899
.20	2.970	-.16420	.06390	.11630	-.09960	.06826	-.00140	.00180	.00400	1.36900	.02876
.20	6.140	.13370	.06240	.12310	.04200	.05336	-.00110	.00170	.00400	-.41700	.02334
.20	9.120	.13460	.05690	.12810	.14310	.14726	-.00110	.00170	.00400	.32200	.02986
.20	10.120	.23300	.07910	.13440	.24230	.13670	-.00130	.00200	.00200	.44700	.02334
.20	12.120	.22480	.09470	.14300	.34140	.12266	-.00130	.00190	.00200	.49600	.03178
.20	14.130	.42360	.11970	.14940	.44590	.11353	-.00090	.00150	.00200	.52800	.03231
.20	16.140	.52640	.15740	.15720	.54710	.10743	-.00010	.00150	.00200	.54600	.03427
.20	18.150	.62150	.19750	.16110	.65260	.10232	.00010	.00210	.00300	.56100	.03613
.20	20.150	.71320	.23240	.16670	.75910	.10342	.00000	.00210	.00300	.57100	.03311
.20	22.160	.81550	.26380	.16820	.86650	.10322	-.00070	.00120	.00100	.58100	.04215
.20	24.170	.96190	.36620	.16930	.97790	.10290	-.00210	.00110	.00010	.58600	.04341
.20	26.170	.90140	.42510	.16860	.99810	.10216	-.00080	.00190	.00000	.58900	.04642
.20	28.180	.92720	.47560	.18130	1.04160	.10337	.00000	.00500	-.00900	.58800	.05157
.20	30.180	.95320	.52360	.18810	1.08740	.10327	.00350	.00300	-.00800	.58800	.05237
GRADIENT		.04853	-.00456	.00208	.04985	.00021	-.00003	-.00005	-.00137	.06760	.00011

DATE 02 JUL 74 TABULATED SOURCE DATA - QA628

QA628 B26C9615W7F8J43W16E28V8R5X10

(RD2313) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 YREF = 19.2299 INCHES WREF = .0000 INCHES
 ZREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDELAP = -12.000
 ELEVON = -20.000 AILPON = .000
 RUDER = .000 SPORRY = .000

PARAMETRIC DATA

RUN NO. 313/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.380	-62730	.13610	.16590	-63580	.08777	-.00120	.00220	.00900	.74800	.02486
.200	-2.290	-52560	.11650	.16830	-52980	.09533	-.00120	.00170	.00700	.76900	.02474
.200	-1.270	-47810	.10720	.17370	-48740	.09654	-.00120	.00190	.00700	.78200	.02557
.200	-.240	-42880	.09950	.17180	-42820	.09773	-.00120	.00200	.00600	.79300	.02462
.200	.800	-37830	.09820	.17450	-37700	.09751	-.00120	.00210	.00700	.82200	.02528
.200	1.840	-32830	.09850	.17770	-32540	.09615	-.00110	.00210	.00500	.85300	.02638
.200	3.900	-23730	.07600	.18190	-22460	.09161	-.00120	.00170	.00400	.95000	.02544
.200	5.950	-13580	.07360	.18780	-12770	.08433	-.00130	.00140	.00300	1.19300	.02513
.200	8.000	-03760	.06930	.19500	-02760	.07351	-.00120	.00160	.00400	3.24700	.02550
.200	10.110	.05780	.07330	.21270	.06300	.06253	-.00100	.00180	.00300	-41600	.02775
.200	12.190	.15310	.08540	.21210	.16770	.05115	-.00100	.00220	.00200	.18500	.02739
.200	14.300	.25120	.10520	.22210	.26880	.03797	-.00070	.00230	.00000	.34800	.02979
.200	16.380	.34330	.12670	.23140	.36490	.02522	-.00030	.00220	.00000	.49300	.03180
.200	18.420	.43330	.15910	.23930	.46820	.01247	-.00030	.00250	.00000	.46300	.03252
.200	20.520	.53320	.19720	.24270	.56950	.00726	-.00010	.00220	.00000	.49100	.03388
.200	22.560	.63140	.25190	.23570	.67180	-.00391	.00490	.00110	.00000	.52300	.03655
.200	24.650	.71440	.31950	.22360	.78260	-.00755	-.00060	.00220	.00000	.54400	.03935
.200	26.690	.76600	.37560	.21710	.89320	-.00882	-.00080	.00160	.00000	.55200	.04111
.200	28.740	.80210	.42630	.20730	.90320	-.01134	-.00170	.00130	.00000	.55800	.04336
.200	30.770	.83310	.47650	.24280	.95950	-.01688	-.00160	.00140	.00000	.55900	.04362
.200		.84764	-.07634	.00217	.04324	-.01364	-.00000	-.00000	.00000	.53300	.00000

GRADIENT

DATE 02 JUL 74 TABULATED SOURCE DATA - 04628

04628 B26C9 W7F0 W22E28WR5X9

(R02314) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 314/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLW	CN	CAP	CYN	CBL	CY	XCF/L	CAB
.200	-4.170	-.26120	.04400	.04560	-.26370	.02486	-.00170	.00260	.00700	.71700	.03705
.200	-2.110	-.16780	.03620	.04560	-.16910	.03060	-.00170	.00250	.00800	.75300	.03555
.200	-1.050	-.11050	.03380	.04590	-.11910	.03165	-.00170	.00250	.00800	.79700	.03729
.200	-.030	-.07190	.03300	.04620	-.07200	.03172	-.00170	.00250	.00800	.89100	.03580
.200	1.000	-.02380	.03170	.04720	-.02320	.03211	-.00160	.00250	.00400	1.39900	.03657
.200	2.040	.02350	.03030	.04740	-.02460	.02351	-.00170	.00250	.00800	-.05600	.03783
.200	4.180	.11780	.03270	.04770	.11980	.02425	-.00170	.00250	.00400	.50500	.03726
.200	6.140	.21230	.03940	.04730	.21530	.01649	-.00150	.00250	.00200	.57100	.03460
.200	8.220	.31350	.04870	.04580	.31740	.00334	-.00160	.00241	.00200	.59200	.03563
.200	10.300	.41130	.05420	.04570	.41610	-.00032	-.00170	.00250	.00100	.61100	.03502
.200	12.380	.51430	.06510	.04441	.52110	-.02733	-.00150	.00260	.00100	.62000	.03623
.200	14.440	.62350	.07440	.04740	.63660	-.04447	-.00160	.00220	.00200	.62800	.03855
.200	16.560	.74720	.07350	.03350	.76060	-.06351	-.00130	.00210	.00200	.63500	.04791
.200	18.630	.86630	.07700	.02440	.82680	-.08054	-.00150	.00160	.00200	.64200	.04718
.200	20.730	.98210	.08470	.01890	1.01220	-.10116	-.00250	.00140	.00100	.64500	.04556
.200	22.800	1.07520	.09470	.02020	1.11750	-.11735	-.00430	.00110	.00500	.64500	.04885
.200	24.880	1.15820	.09510	.02540	1.21710	-.12887	-.00690	-.00100	.01400	.64500	.05119
.200	26.950	1.23120	.09550	.02170	1.31170	-.13272	-.00690	-.00160	.01200	.64500	.05643
.200	29.000	1.28340	.08840	.02400	1.38840	-.14271	-.00800	-.00420	.01700	.64500	.06222
.200	30.980	1.21780	.08320	.06440	1.34420	-.11293	-.00510	-.00490	.01800	.63400	.07271
.200											
	GRADIENT	.04597	-.00139	.00515	.04652	-.00009	.00000	-.00001	-.00035	-.04303	.00016

0462B B26C9 MTF8 W22E28W85X9

(RDZ315) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 315/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.020	.18540	.02610	.03330	.18700	.00944	-.01770	.01890	.18500	.58600	.03808
.200	-8.030	.17990	.02860	.03720	.18170	.01244	-.01390	.01510	.14800	.57630	.03837
.200	-6.050	.17400	.03260	.04390	.17630	.01695	-.00990	.01150	.11100	.56600	.03631
.200	-4.070	.16980	.03570	.04710	.17230	.02038	-.00680	.00820	.07400	.55700	.03456
.200	-1.990	.16720	.03590	.04650	.16990	.02181	-.00370	.00510	.03700	.55200	.03478
.200	.010	.16490	.03730	.04750	.16760	.02245	-.00150	.00250	.00300	.54700	.03462
.200	2.010	.16610	.03680	.04630	.16870	.02166	.00000	.00000	-.02900	.55100	.03562
.200	4.020	.16500	.03390	.04260	.17200	.01830	.00330	-.00280	-.05600	.55200	.03423
.200	6.030	.17400	.03120	.04110	.17680	.01448	.00650	-.00610	-.10210	.56200	.04188
.200	8.040	.17600	.02660	.03650	.17210	.01077	.01000	-.01950	-.14100	.57600	.04135
.200	10.050	.18440	.02260	.03110	.16570	.00608	.01430	-.01320	-.18000	.59100	.04234
.200	GRADIENT	-.00008	-.00019	-.00113	-.00009	-.00019	.00123	-.00135	-.01125	.00011	.00011

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 316/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.020	.18540	.02610	.03330	.18700	.00944	-.01770	.01890	.18500	.58600	.03808
.200	-8.030	.17990	.02860	.03720	.18170	.01244	-.01390	.01510	.14800	.57630	.03837
.200	-6.050	.17400	.03260	.04390	.17630	.01695	-.00990	.01150	.11100	.56600	.03631
.200	-4.070	.16980	.03570	.04710	.17230	.02038	-.00680	.00820	.07400	.55700	.03456
.200	-1.990	.16720	.03590	.04650	.16990	.02181	-.00370	.00510	.03700	.55200	.03478
.200	.010	.16490	.03730	.04750	.16760	.02245	-.00150	.00250	.00300	.54700	.03462
.200	2.010	.16610	.03680	.04630	.16870	.02166	.00000	.00000	-.02900	.55100	.03562
.200	4.020	.16500	.03390	.04260	.17200	.01830	.00330	-.00280	-.05600	.55200	.03423
.200	6.030	.17400	.03120	.04110	.17680	.01448	.00650	-.00610	-.10210	.56200	.04188
.200	8.040	.17600	.02660	.03650	.17210	.01077	.01000	-.01950	-.14100	.57600	.04135
.200	10.050	.18440	.02260	.03110	.16570	.00608	.01430	-.01320	-.18000	.59100	.04234
.200	GRADIENT	-.00008	-.00019	-.00113	-.00009	-.00019	.00123	-.00135	-.01125	.00011	.00011

DATE 02 JUL 74

TABULATED SOURCE DATA - OM62B

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OM62B B26C9 MTF8 M22E28V8R5X9

(RD2317) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
 ELEWON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 317/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.43000	.05620	.03120	.43310	-.02163	-.01820	.02650	.18400	.62500	.04114
.200	-8.050	.42600	.05870	.03510	.42960	-.01942	-.01530	.02200	.15000	.62200	.03935
.200	-6.050	.42100	.06140	.03900	.42520	-.01848	-.01120	.01700	.11100	.61800	.03698
.200	-3.990	.41520	.06230	.04270	.41960	-.01898	-.00740	.01180	.07300	.61400	.03579
.200	-2.000	.41230	.06410	.04490	.41710	-.01755	-.00450	.00680	.03800	.61200	.03531
.200	.000	.41310	.06450	.04580	.41790	-.01741	-.00160	.00280	.00300	.61100	.03567
.200	2.000	.41270	.06380	.04510	.41750	-.01702	.00080	-.00150	-.03100	.61200	.03324
.200	4.020	.41420	.06300	.04210	.41880	-.01811	.00330	-.00620	-.06600	.61500	.03531
.200	6.050	.41910	.06220	.03780	.42310	-.01768	.00680	-.01120	-.10300	.61900	.03838
.200	8.060	.42520	.05740	.03320	.42870	-.01950	.00980	-.01600	-.14100	.62300	.04092
.200	10.060	.42900	.05260	.02980	.43150	-.02502	.01300	-.02160	-.17800	.62600	.04559
GRADIENT	-.00008	.00005	-.00005	-.00005	-.00005	.00007	.00133	-.00221	-.01733	.00010	.00006

OM62B B26C9 MTF8 M22E28V8R5X9

(RD2318) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
 ELEWON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 318/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.70830	.13070	.01580	.71750	-.06332	-.02070	.03140	.19000	.64400	.04286
.200	-8.050	.70070	.13280	.02170	.71070	-.05915	-.01730	.02610	.15200	.64000	.04009
.200	-6.050	.69100	.13410	.02990	.70180	-.05531	-.01200	.01970	.11200	.63600	.03794
.200	-4.010	.68680	.13460	.03430	.69780	-.05363	-.00770	.01370	.07300	.63400	.03739
.200	-2.000	.68540	.13530	.03750	.69660	-.05262	-.00440	.00770	.03600	.63200	.03846
.200	.000	.68310	.13430	.03750	.69420	-.05295	-.00200	.00220	.00200	.63200	.03973
.200	2.000	.68250	.13500	.03740	.69380	-.05207	.00050	-.00300	-.03200	.63200	.03849
.200	4.030	.68210	.13300	.03610	.69290	-.05199	.00360	-.00880	-.06800	.63200	.03762
.200	6.050	.68590	.13020	.03270	.69580	-.05373	.00690	-.01490	-.10700	.63400	.03858
.200	8.060	.69600	.12680	.02430	.70460	-.06371	.01220	-.02130	-.14800	.63900	.04278
.200	10.070	.70490	.12540	.01930	.71280	-.06743	.01780	-.02780	-.19100	.64200	.04362
GRADIENT	-.00061	-.00017	-.00005	-.00005	-.00063	-.00001	.00137	-.00277	-.01743	-.00020	-.00004

DATE 02 JUL 74 TABULATED SOURCE DATA - 04628

(RD2319) (07 JUN 74)

04628 B26C9 W7F8 W122E20V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 L.F. = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .141'S SCALE

ALPHA = 20.000 BDFLAP = -12.000
 ELEWIN = .000 AILRON = .000
 RUDDER = .000 SPDRK = 25.000

PARAMETRIC DATA

RUN NO. 319/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WCH	BETA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.030	.96780	.25650	.99950	-.09297	-.03200	.03310	.20900	.63200	.14866
.200	-8.050	.96320	.25370	.99420	-.09390	-.02550	.02720	.15600	.64800	.14636
.200	-6.020	.96210	.25150	.99260	-.09578	-.01880	.02210	.12300	.64500	.14241
.200	-3.970	.96830	.25340	.99830	-.09625	-.01450	.01500	.08700	.64000	.14316
.200	-1.980	.97320	.26210	1.02510	-.09365	-.00990	.00200	.04700	.64500	.14314
.200	.020	.97680	.26870	1.02870	-.09442	-.00480	.00150	.00700	.64500	.14403
.200	2.010	.97440	.26640	1.02560	-.09562	-.00330	-.00410	-.03200	.64500	.14362
.200	4.010	.96710	.26130	.99760	-.09933	.00400	-.00330	-.17900	.64200	.14224
.200	6.020	.96980	.25970	.99700	-.10262	.00700	-.00760	-.11100	.64500	.14317
.200	8.090	.97600	.25360	1.01250	-.10228	.01020	-.02740	-.11400	.64700	.14279
.200	10.090	.98760	.25630	1.01440	-.10381	.01470	-.03510	-.16700	.65100	.15115
GRADIENT	.00704	.00704	-.00140	-.00111	-.00038	.00233	-.00315	-.00196	-.00001	-.00116

OM628 B26C9 M7F8 M222E28V0R599

(R02321) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YREF = 43.5974 INCHES
 XREF = 19.2239 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1275 INCHES
 SCALE = 1/80'S SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = 5.000 AILPON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 321/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.100	-1.6630	.03930	.00440	-.15860	.02730	-.01200	.00280	.00700	.66100	.03973
.200	-2.040	-.0720	.03510	.00430	-.07200	.03255	-.00210	.00280	.00600	.67400	.03932
.200	-1.010	-.02480	.03100	.00430	-.02330	.11250	-.00210	.00290	.00600	.71500	.04043
.200	.020	.02300	.03370	.00450	.02300	.13359	-.00200	.00350	.00500	.57900	.03912
.200	1.040	.07590	.03150	.00420	.07150	.03225	-.00210	.00310	.00500	.61100	.03943
.200	2.060	.11920	.03430	.00440	.12020	.03073	-.00210	.00290	.00600	.63800	.04003
.200	4.140	.21450	.04020	.00460	.21620	.02453	-.00220	.00260	.00500	.64400	.03885
.200	6.190	.33920	.04630	.00390	.31260	.01473	-.00220	.00260	.00400	.64700	.03815
.200	8.230	.49340	.05230	.00290	.41410	.00264	-.00210	.00260	.00300	.64900	.03740
.200	10.340	.65760	.05790	.00270	.51360	-.01345	-.00220	.00270	.00300	.65000	.03677
.200	12.420	.83350	.06350	.00160	.61780	-.02397	-.00220	.00230	.00300	.65000	.03605
.200	14.520	.92310	.06810	-.00190	.73470	-.04759	-.00210	.00250	.00100	.65000	.03525
.200	16.590	.83280	.07120	-.00260	.84390	-.05413	-.00190	.00170	.00100	.65000	.03452
.200	18.690	.55540	.07440	-.00170	.95510	-.06822	-.00160	.00160	.00100	.65000	.03377
.200	20.760	1.05360	.07930	-.02260	1.40160	-.09743	-.00450	.00140	.00600	.65000	.03299
.200	22.860	1.15450	.08840	-.02310	1.81070	-.11156	-.00860	-.00110	.01500	.65000	.03158
.200	24.910	1.24100	.44030	-.02910	1.91110	-.12317	-.00900	-.00220	.02300	.65000	.03028
.200	26.970	1.30630	.51100	-.03560	1.99610	-.13365	-.00730	-.00330	.01500	.65000	.02881
.200	29.040	1.35510	.59010	-.04260	1.47470	-.14332	-.00490	-.00460	.01100	.65000	.02715
.200	31.010	1.26840	.61620	.03620	1.40460	-.112356	-.00130	.00750	-.00200	.64200	.02528
.200	GRADIENT	.04621	.00006	.00002	.04677	-.00037	-.00002	.00001	-.00021	-.00520	-.00007

(H02022) (07 JUN 74)

QM628 B26C3 M7F8 W22E28V8R5X9

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = 10.000 AILERON = .000
RUDDER = .000 SPOILER = 25.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. YREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = 1/4.5 SCALE

RUN NO. 322/0 RV/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	YCP/L	CAB
.20	-4.070	-0.6570	.03450	-0.4290	-0.5630	.03380	-0.0240	.00320	.00800	.42000	.04379
.20	-2.100	.02690	.03600	-0.4280	.02570	.03694	-0.0230	.00340	.00700	1.20200	.04360
.20	-1.960	.07670	.03650	-0.4300	.07610	.03779	-0.0220	.00340	.00700	.86000	.04457
.20	.050	.12100	.03950	-0.4260	.12110	.03944	-0.0220	.00340	.00600	.78100	.04210
.20	1.080	.17900	.04120	-0.4270	.17160	.03797	-0.0220	.00340	.00600	.74100	.04272
.20	2.120	.21850	.04340	-0.4270	.22000	.03333	-0.0210	.00330	.00500	.72000	.04316
.20	4.130	.31330	.05270	-0.4250	.31700	.02967	-0.0210	.00320	.00500	.70000	.04322
.20	6.120	.40940	.05360	-0.4350	.41390	.01894	-0.0190	.00300	.00400	.69100	.04124
.20	8.120	.50410	.05500	-0.4430	.51040	.01560	-0.0170	.00250	.00400	.68300	.04390
.20	10.130	.59860	.05650	-0.4550	.61500	.00945	-0.0160	.00220	.00200	.67300	.04113
.20	12.140	.71200	.05720	-0.4730	.72430	.00261	-0.0150	.00150	.00200	.67600	.04155
.20	14.150	.82100	.05720	-0.5120	.83570	.00141	-0.0160	.00160	.00200	.67400	.04326
.20	16.160	.93450	.05700	-0.5790	.95720	.00109	-0.0110	.00130	.00100	.67400	.04450
.20	18.170	1.05240	.05720	-0.6540	1.08340	.00085	-0.0110	.00130	.00100	.67400	.04596
.20	20.180	1.16200	.05700	-0.7450	1.20720	.00058	-0.0100	.00120	.00100	.67300	.04432
.20	22.190	1.24710	.05620	-0.8590	1.31920	.00046	-0.0100	.00130	.00100	.67100	.05464
.20	24.190	1.32860	.05620	-0.9660	1.41740	.00030	-0.0110	.00130	.00100	.66900	.05759
.20	27.100	1.38740	.05600	-1.0510	1.49700	.00026	-0.0130	.00150	.00100	.66700	.05634
.20	29.100	1.41940	.05400	-1.1480	1.54720	.00025	-0.0140	.00160	.00100	.66300	.05617
.20	30.960	1.43510	.05120	.03170	1.57870	.00025	-0.0160	.00160	.00100	.64300	.05824
.20	GRADIENT	.04607	.00176	.00004	.04675	.00045	.00004	.00000	.00039	.00155	.00029

OM628 B26C9 M7F8 W116E28N85Y8

(RD3233) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = 10.00 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = 10405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 ALLFON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 323/0 FM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CMF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-4.230	-.26440	.04590	.05060	-.26690	.02430	-.00260	.00300	.00800	.72100	.03726
.260	-2.130	-.116920	.03590	.05000	-.17050	.02958	-.00270	.00290	.00800	.75000	.03822
.260	-1.070	-.011970	.03360	.05000	-.12030	.03134	-.00270	.00300	.00700	.80500	.03819
.260	-.020	-.07230	.03320	.04960	-.07230	.03321	-.00260	.00290	.00600	.90500	.03666
.260	1.000	-.02520	.03060	.05000	-.02470	.03111	-.00250	.00290	.00500	1.39600	.03885
.260	2.030	.02900	.03270	.04970	.02410	.03197	-.00240	.00300	.00600	-.11400	.03602
.260	4.100	.11980	.03350	.05010	.12190	.02491	-.00220	.00300	.00300	.50000	.03742
.260	6.200	.21830	.04000	.04840	.22140	.01820	-.00230	.00290	.00400	.57100	.03560
.260	8.310	.32080	.04890	.04680	.32450	.00208	-.00240	.00290	.00400	.59300	.03659
.260	10.430	.42240	.06540	.04670	.42760	-.01228	-.00240	.00290	.00400	.61100	.03561
.260	12.510	.52350	.07700	.04510	.53580	-.02974	-.00240	.00300	.00300	.62100	.03800
.260	14.640	.62720	.11940	.03960	.63700	-.04421	-.00180	.00230	.00200	.62900	.03949
.260	16.750	.77110	.16400	.02990	.73570	-.06524	-.00200	.00240	.00300	.63800	.04095
.260	18.860	.89450	.21750	.02250	.91680	-.08365	-.00260	.00410	.00300	.64300	.04374
.260	21.000	1.00520	.28590	.01550	1.04590	-.09327	.00110	.00520	-.00400	.64600	.04693
.260	23.110	1.07930	.36310	.01150	1.15170	-.09677	.00230	.00260	-.00500	.64800	.04891
.260	25.210	1.18090	.43920	.01390	1.25550	-.10582	.00010	-.00270	.00200	.64800	.05701
.260	27.300	1.25420	.52380	.00820	1.33480	-.10988	.00000	.00060	-.00200	.64900	.05126
.260	29.340	1.25190	.57630	.03690	1.37370	-.11105	.00020	.00910	-.01500	.64200	.07066
.260	31.220	1.08010	.53420	.10340	1.21090	-.08864	-.00360	.01470	-.01500	.62000	.07719
GRADIENT		.04611	-.00117	-.00036	.04667	.00016	.00005	.00000	-.00057	-.14584	-.00008

04628 B26C9 MTF8 W16E28W85X9

REFERENCE DATA
SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES ALPHA = .000 BDFLAP = -12.000
LREF = 19.2239 INCHES YMRP = .0000 INCHES ELEVON = .000 AILRON = .000
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .000 SPDRK = 25.000
SCALE = .0405 SCALE

RUN NO. 324/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.070	-0.04970	.01980	.03500	-.04970	.01958	-.01680	.01110	.18700	.91100	.04026
.260	-8.090	-.05640	.02490	.03910	-.05640	.02492	-.01400	.01980	.15100	.90700	.03805
.260	-6.050	-.06260	.02750	.04310	-.06260	.02753	-.01070	.00790	.11300	.90500	.03861
.260	-4.070	-.06700	.03040	.04640	-.06700	.03036	-.00770	.00620	.07700	.90600	.03770
.260	-1.980	-.07010	.03270	.04880	-.07010	.03264	-.00490	.00440	.04100	.90800	.03663
.260	.000	-.07280	.03330	.04950	-.07280	.03327	-.00250	.00290	.00800	.90900	.03651
.260	2.030	-.07110	.03200	.04820	-.07110	.03198	-.00010	.00150	-.02400	.90400	.03791
.260	4.050	-.06960	.02990	.04540	-.06960	.02986	.00000	.00000	-.06500	.89400	.03959
.260	6.090	-.06260	.02630	.04240	-.06260	.02629	.00600	-.00210	-.10400	.90100	.04100
.260	8.090	-.05800	.02290	.03800	-.05800	.02285	.00960	-.00400	-.14200	.89300	.04129
.260	10.120	-.05140	.01630	.03350	-.05140	.01634	.01400	-.00630	-.18200	.89100	.04356
GRADIENT			-.00009	-.00006	-.00003	-.00008	.00125	-.00076	-.01755	-.00140	.00025

04628 B26C9 MTF8 W16E28W85X9

REFERENCE DATA
SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES ALPHA = 5.000 BDFLAP = -12.000
LREF = 19.2239 INCHES YMRP = .0000 INCHES ELEVON = .000 AILRON = .000
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .000 SPDRK = 25.000
SCALE = .0405 SCALE

RUN NO. 325/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	-.04920	.02540	.03440	.19570	.00771	-.01860	.01920	.18900	.58700	.03987
.260	-8.120	-.05810	.02940	.03800	.19000	.01225	-.01500	.01560	.15100	.57600	.03843
.260	-6.040	-.06240	.03300	.04260	.18260	.01661	-.01080	.01210	.11100	.56600	.03756
.260	-4.120	-.07830	.03480	.04550	.18070	.01858	-.00770	.00380	.07500	.55900	.03719
.260	-1.990	-.07630	.03590	.04770	.17820	.01983	-.00480	.00160	.03900	.55300	.03712
.260	.000	-.07310	.03670	.04900	.17570	.02091	-.00230	.00290	.00400	.54900	.03644
.260	2.030	-.07210	.03650	.04770	.17470	.02083	.00000	.00020	.00300	.55100	.03719
.260	4.080	-.07470	.03380	.04630	.17700	.01788	.00270	-.00280	-.06700	.55700	.03931
.260	6.180	-.07650	.03150	.04440	.17910	.01559	.00590	-.00570	-.10300	.56700	.04153
.260	8.100	-.08300	.02700	.03750	.18550	.01041	.00980	-.00000	-.14300	.57700	.04247
.260	10.110	-.09170	.02240	.03260	.18290	.00554	.01440	-.01330	-.18400	.58900	.04197
GRADIENT			-.00007	-.00002	-.00005	-.00002	.00127	-.00138	-.01751	-.00123	.00027

OA628 B26C9 MTF8 W16E28VR5X9

(023226) (07 JUN 74)

REFERENCE DATA

SPEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LEFF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0005 SCALE

ALPHA = 10.000 BDFLAP = -12.000
 ELEWIN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 326/0 PN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.090	.44730	.15720	.02360	.45030	-.02464	-.01890	.02740	.18600	.62700	.04250
.260	-8.050	.44250	.06040	.03370	.44620	-.02015	-.01610	.02280	.15100	.62400	.03970
.260	-6.000	.43560	.06260	.03790	.43980	-.01715	-.01210	.01790	.11200	.62100	.03765
.260	-4.000	.43110	.06420	.04240	.43550	-.01471	-.00820	.01290	.07400	.61600	.03659
.260	-2.000	.42640	.06510	.04490	.43100	-.01335	-.00520	.00780	.03800	.61400	.03661
.260	.000	.42660	.06560	.04560	.43140	-.01280	-.00250	.00330	.00300	.61300	.03656
.260	2.000	.42550	.06480	.04510	.43160	-.01330	.00110	-.00100	-.03000	.61311	.03724
.260	4.000	.42720	.06410	.04230	.43180	-.01420	.00230	-.00150	-.01500	.61600	.03719
.260	6.000	.43420	.06190	.03760	.43110	-.01661	.01550	-.01000	-.01400	.62000	.03977
.260	8.000	.43690	.05940	.03310	.44230	-.02190	.01980	-.01590	-.02400	.62400	.04203
.260	10.000	.44260	.05450	.02840	.44510	-.02636	.03120	-.02050	-.01790	.62800	.04557
GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	.00000	.00000	-.00000	-.00000	-.00000	.00000

OA628 B26C9 MTF8 W16E28VR5X9

(023227) (07 JUN 74)

REFERENCE DATA

SPEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LEFF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0005 SCALE

ALPHA = 15.000 BDFLAP = -12.000
 ELEWIN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

PARAMETRIC DATA

RUN NO. 327/0 PN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-10.090	.73500	.13720	.01240	.74470	-.05694	-.02130	.03280	.19100	.64600	.04319
.260	-8.050	.72840	.13920	.01670	.73890	-.05317	-.01740	.02710	.15200	.64200	.04081
.260	-6.000	.72010	.14110	.02050	.73110	-.05088	-.01210	.02070	.11100	.63800	.03924
.260	-4.000	.71570	.14150	.03140	.72730	-.04752	-.00840	.01430	.07300	.63500	.03674
.260	-2.000	.71660	.14270	.03240	.72850	-.04569	-.00490	.00790	.03700	.63500	.03961
.260	.000	.71440	.14310	.03270	.72860	-.04552	-.00210	.00250	.00100	.63500	.03961
.260	2.000	.71700	.14220	.03010	.72870	-.04539	.00040	-.00280	-.00300	.63500	.04034
.260	4.000	.71660	.14150	.02910	.72820	-.04589	.00070	-.00760	-.00700	.63600	.03944
.260	6.000	.72260	.13950	.02800	.73140	-.04513	.00560	-.01150	-.01100	.63800	.03931
.260	8.000	.73150	.13770	.02670	.74330	-.04679	.01110	-.02110	-.02100	.64300	.04296
.260	10.000	.73500	.13550	.02500	.74620	-.04633	.01560	-.02590	-.02500	.64600	.04505
GRADIENT	-.00000	-.00000	-.00000	-.00000	-.00000	.00000	.00000	-.00000	-.00000	-.00000	.00000

DATE 22 JUL 74

TABULATED SOURCE DATA - OM628

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OM628 B26C9 W7F8 W16E28 W8R5X9

(R02328) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SJ.FT. YMRP = 43.5974 INCHES
 ZREF = 19.2239 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
 ELEWIN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 25.000

RUN NO. 328/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	MCP/L	CAB
.260	-10.110	1.02820	.28190	-0.01030	1.008090	-1.00641	-.02000	.03860	.18900	.65500	.14937
.260	-8.090	1.02220	.28370	-0.01730	1.005590	-1.00276	-.01530	.03290	.14900	.65200	.14749
.260	-6.070	1.00920	.28440	-0.02440	1.004400	-0.99730	-.01080	.02630	.10900	.64900	.14476
.260	-4.050	1.00620	.28740	-0.02330	1.004410	-0.98408	-.00750	.01820	.07300	.64700	.14383
.260	-2.030	1.00880	.29030	-0.01350	1.004570	-0.99164	-.00330	.01130	.02400	.64700	.14559
.260	.010	1.00480	.29270	-0.01440	1.004290	-0.98793	.00190	.00570	-.01500	.64700	.14628
.260	1.990	1.00120	.28360	-0.01570	1.002650	-0.98921	.00390	.00100	-.04300	.64600	.14715
.260	4.050	.99450	.28770	-0.01670	1.001100	-0.98874	.00140	-.00670	-.02400	.64600	.14481
.260	6.070	.98650	.28570	-0.01260	1.003260	-0.99131	.00330	-.01360	-.02000	.64700	.14522
.260	8.090	1.00100	.28820	-0.01900	1.005110	-0.99583	.00600	-.01930	-.05700	.65200	.15129
.260	10.110	1.02760	.29210	-0.01550	1.006400	-0.99655	.02110	-.02840	-.20100	.65700	.15461
GRADIENT				.00055	-.00162	.00065	.00223	-.00238	-.00940	-.00015	.00017

REFERENCE DATA

SREF = 4.4119 SQ.FT. KMRP = 43.5974 INCHES
REF = 19.2299 INCHES YMRP = .0000 INCHES
REF = 37.9359 INCHES ZMRP = 15.1175 INCHES
SCALE = 1/4.35 SCALE

BETA = .0000 BDFLAY = -12.0000
ELEVON = .0000 ALLRON = .0000
RUDDER = .0000 SPBRK = 25.0000

PARAMETRIC DATA

RUN NO. 329/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.20	-4.140	-25930	.14290	-26170	.02405	-.00280	.00280	.00000	.72200	.03713
.21	-2.080	-16500	.11650	-16620	.03165	-.00250	.00270	.00700	.76100	.03714
.22	-1.020	-11200	.09400	-11950	.03256	-.00250	.00280	.00500	.81400	.02619
.23	0.000	-6720	.07120	-10930	.03321	-.00250	.00270	.00670	.91400	.03617
.24	1.020	-22590	.05100	-92540	.03149	-.00250	.00290	.00600	1.06500	.03806
.25	2.050	-22240	.03350	.02360	.03274	-.00230	.00290	.00400	.11100	.03532
.26	4.090	-11560	.01610	.11790	.02781	-.00230	.00290	.00500	.49300	.03452
.27	6.240	-21340	.00000	.21620	.01544	-.00220	.00270	.00400	.56300	.03497
.28	8.250	-30970	.00000	.31360	.00341	-.00220	.00270	.00300	.59700	.03430
.29	10.000	-40660	.00000	.41340	-.00117	-.00220	.00270	.00300	.61000	.03594
.30	12.000	-51150	.00560	.51700	-.02574	-.00210	.00280	.00300	.61900	.03611
.31	14.400	-62530	.04110	.62420	-.074265	-.01190	.00170	.00200	.62800	.03790
.32	16.570	-74760	.11840	.76170	-.06131	-.00160	.00140	.00200	.63600	.04061
.33	18.650	-86680	.21500	.85780	-.05119	-.00290	.00330	.00300	.64100	.04378
.34	20.760	-97780	.28530	1.01190	-.03939	.00120	.00460	.00300	.64500	.04500
.35	22.820	-107590	.34640	1.12600	-.009371	.00410	.00610	.00300	.64800	.04674
.36	24.910	-115870	.42430	1.22950	-.00330	-.00050	.00330	.00200	.64800	.05278
.37	26.970	-123840	.51260	1.31170	-.01394	-.00040	.00350	.00300	.64900	.05974
.38	29.000	-125580	.66580	1.37190	-.11304	-.00160	.00560	.00200	.64400	.06446
.39	30.930	-131610	.86010	1.24530	-.00936	-.00390	.00270	-.00200	.62500	.07629
.40				.04609	.00042	.00004	.00002	-.00042	-.04769	-.09028

GRADIENT

04628 B26C9 W7F8 W16E28W8R5X9

(RDZ330) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SJ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA =
ELEWON =
RUDDER =

.000 BOFLAP = -12.000
.000 AILRON = .000
.000 SPDRK = 40.000

PARAMETRIC DATA

RUN NO. 330/5 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	YCP/L	CAB
.260	-4.190	-27210	.05120	.08050	-27510	.03114	-.00150	.00230	.00500	.73300	.04046
.260	-2.110	-17690	.04390	.06000	-17840	.03740	-.00160	.00230	.00500	.77500	.04723
.260	-1.050	-13050	.04040	.06010	-13120	.02304	-.00160	.00220	.00400	.82000	.04118
.260	-.020	-.08220	.03880	.05960	-.08230	.03884	-.00140	.00240	.00400	.91800	.04110
.260	1.000	-.03370	.03790	.05950	-.03310	.03856	-.00130	.00230	.00200	1.31400	.04094
.260	2.030	.01400	.03820	.05920	.01540	.03771	-.00130	.00230	.00200	-.76300	.04005
.260	4.150	.11200	.03920	.05920	.11450	.03102	-.00120	.00230	.00200	.46100	.04043
.260	6.250	.21000	.04570	.06000	.21370	.02258	-.00120	.00230	.00100	.53200	.03813
.260	8.350	.31200	.05440	.05640	.31660	.00857	-.00110	.00220	.00100	.58600	.03926
.260	10.450	.41370	.07070	.06000	.41960	-.00544	-.00110	.00210	.00100	.60200	.03818
.260	12.560	.52020	.09220	.05490	.52780	-.02321	-.00090	.00200	.00000	.61300	.04017
.260	14.680	.63780	.12440	.04960	.64850	-.04130	-.00050	.00120	.00000	.62400	.04209
.260	16.760	.76200	.16880	.03900	.77830	-.07815	-.00070	.00160	.00000	.63300	.04301
.260	18.900	.88580	.22150	.03220	.90980	-.07743	-.00140	.00280	.00100	.63900	.04731
.260	21.020	.93690	.29150	.02520	1.03510	-.08559	.00250	.00380	-.00600	.64300	.04966
.260	23.150	1.00690	.37020	.01820	1.15410	-.09199	.00390	.00300	-.00800	.64600	.05271
.260	25.250	1.18510	.44840	.01640	1.26310	-.10013	.00080	.00250	-.00100	.64700	.05912
.260	27.360	1.25940	.53270	.01430	1.36340	-.10573	.00060	.00210	-.00400	.64800	.06305
.260	29.410	1.26410	.58800	.04310	1.39000	-.11352	-.00120	.01220	-.01400	.64900	.07182
.260	31.280	1.06450	.55550	.11560	1.19820	-.07804	-.00450	.01680	-.01700	.61600	.07797
GRADIENT	.04608	-.00142	-.00017	-.00017	.04675	.00001	.00005	.00000	-.00046	-.08389	-.00002

OM628 B26C9 M7F8 M16E28V8R5Y9

(R02333) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 40.000

RUN NO. 333/0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	.43800	.06240	.03800	.44210	-.01812	-.01830	.02680	.18600	.62000	.04479
.260	-8.090	.43330	.06620	.04330	.43810	-.01357	-.01530	.02200	.15000	.61500	.04209
.260	-6.090	.42690	.06800	.04760	.43220	-.01056	-.01090	.01690	.11000	.61100	.04042
.260	-4.030	.41890	.07010	.05350	.42470	-.00707	-.00720	.01180	.07300	.60500	.03879
.260	-2.040	.41860	.07130	.05630	.42460	-.00389	-.00380	.00660	.03700	.60300	.03938
.260	-.010	.41540	.07110	.05720	.42140	-.00336	-.00090	.00220	.00100	.60200	.03929
.260	2.000	.41510	.07030	.05560	.42100	-.00615	-.00160	-.00210	-.00200	.60300	.04010
.260	4.030	.41760	.06900	.05200	.42320	-.00782	.00460	-.00580	-.00900	.60600	.03927
.260	6.060	.42430	.06520	.04590	.42910	-.01289	.00840	-.01200	-.00800	.61200	.04195
.260	8.070	.42950	.06240	.04070	.43370	-.01661	.01190	-.01730	-.01400	.61700	.04507
.260	10.090	.43690	.05890	.03660	.44030	-.02133	.01490	-.02190	-.01900	.62100	.04942
GRADIENT		-.00030	-.00016	-.00019	-.00033	-.00009	.00144	-.00228	-.01751	.00010	.00008

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = 40.000

RUN NO. 334/0 RM/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	.72170	.14080	.02310	.73290	-.06021	-.02020	.03150	.18900	.64000	.04495
.260	-8.100	.71470	.14200	.02970	.72640	-.05712	-.01580	.02540	.15000	.63700	.04382
.260	-6.060	.70150	.14390	.03960	.71420	-.05165	-.01030	.01870	.10800	.63100	.04072
.260	-4.030	.70080	.14450	.04350	.71380	-.05090	-.00730	.01240	.07300	.62900	.04159
.260	-2.030	.69990	.14680	.04450	.71350	-.04845	-.00350	.00600	.03600	.62900	.136
.260	-.010	.70430	.14720	.04440	.71780	-.04933	-.00090	.00100	.00000	.62900	.4303
.260	2.010	.70340	.14590	.04390	.71670	-.05025	.00200	-.00350	-.00350	.62900	.04305
.260	4.020	.70380	.14530	.04010	.71880	-.05153	.00470	-.00870	-.00200	.63100	.04203
.260	6.050	.71120	.14390	.03640	.72350	-.05439	.00840	-.01480	-.01000	.63300	.04191
.260	8.070	.72630	.14040	.02500	.73710	-.06190	.01330	-.02180	-.01500	.63900	.04636
.260	10.110	.73210	.13990	.01950	.74260	-.06404	.01800	-.02760	-.01900	.64200	.04692
GRADIENT		.00067	.00003	-.00037	.00066	-.00005	.00146	-.00257	-.01792	.00020	.00013

(507335) (07 JUN 74)

04628 B26C9 M7F8 W16E28V8R5X9

PARAMETRIC DATA

ALPHA = 20.000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOSER = 40.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2209 INCHES XMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 335/ 0 RNVL = 1.85 GRADIENT INTERVAL = -5.00/ 6.00

MACH	BETA	CL	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-15.090	1.02210	.02300	1.05560	-.00023	-.01930	.03790	.18800	.65300	.05234
.260	-8.090	1.01250	.02870	1.04830	-.00943	-.01400	.03170	.14600	.64300	.04901
.260	-6.040	.99740	.01970	1.03410	-.00997	-.01080	.02550	.10700	.64500	.04640
.260	-4.010	.99720	.02260	1.03480	-.00775	-.010640	.01780	.07200	.64400	.04615
.260	-2.010	1.00090	.02260	1.04100	-.00161	-.00400	.01030	.03100	.64400	.04795
.260	.000	.99430	.02490	1.03480	-.00943	.00340	.00450	-.00700	.64300	.04800
.260	2.020	.98850	.02620	1.02830	-.00797	.00790	-.00010	-.00400	.64200	.04882
.260	4.030	.98620	.02750	1.02550	-.00805	.01200	-.01720	-.00700	.64200	.04674
.260	6.020	.98600	.02240	1.02820	-.00411	.01430	-.01400	-.12200	.64400	.04745
.260	8.020	1.00250	.00620	1.04630	-.00902	.01700	-.01960	-.11900	.64900	.05413
.260	10.120	1.02140	.00680	1.05590	-.00226	.00320	-.02840	-.20400	.65400	.05687
GRADIENT		-.00171	.00067	-.00156	.00074	.00227	-.00900	-.01969	-.00030	.00010

OA628 B26C9 M7F8 W16E28WR5X9

(RD2336) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILERON = .000
 RUDDER = .000 SPEEDRK = 55.000

PARAMETRIC DATA

RUN NO. 336 / G RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.140	-2.7530	.06120	.07410	-.27900	.04121	-.00100	.00210	.00500	.74900	.04745
.200	-2.010	-.18220	.05460	.07460	-.18410	.04821	-.00090	.00200	.00400	.60100	.04595
.200	-1.050	-.13640	.05140	.07500	-.13730	.04893	-.00090	.00200	.00300	.85300	.04733
.200	-.010	-.09320	.04980	.07460	-.09020	.04983	-.00090	.00200	.00400	.95600	.04629
.200	1.000	-.04490	.04980	.07480	-.04400	.05065	-.00100	.00210	.00300	1.27700	.04521
.200	2.040	.00050	.04810	.07410	.00230	.04811	-.00100	.00210	.00300	-11.16300	.04606
.200	4.100	.09370	.05270	.07460	.09710	.04392	-.00090	.00220	.00100	.36900	.04395
.200	6.170	.19940	.05600	.07280	.19430	.03536	-.00090	.00200	.00100	.51400	.04137
.200	8.240	.28900	.06310	.07110	.29500	.02105	-.00090	.00190	.00100	.56300	.04312
.200	10.300	.38520	.07790	.07090	.39290	.00772	-.00100	.00200	.00100	.58500	.04251
.200	12.380	.48810	.09750	.07040	.49770	-.00915	-.00080	.00200	.00000	.60000	.04368
.200	14.470	.59790	.12790	.06590	.61090	-.02557	-.00040	.00110	.00000	.61200	.04389
.200	16.550	.71990	.16790	.05670	.73790	-.04414	-.00010	.00070	-.00100	.62300	.04684
.200	18.660	.84160	.21810	.04930	.86710	-.06273	-.00020	.00240	.00000	.63100	.04933
.200	20.740	.94900	.28240	.04180	.98760	-.07195	.00280	.00370	-.00000	.63600	.05162
.200	22.800	1.04370	.35720	.03680	1.10060	-.07631	.00430	.00470	-.00000	.63900	.05434
.200	24.890	1.12470	.42980	.03710	1.20110	-.08359	.00040	.00170	-.00100	.64000	.06113
.200	26.960	1.19740	.50310	.03800	1.29530	-.09450	.00080	.00230	-.00500	.64100	.06464
.200	29.010	1.22980	.56880	.05270	1.38140	-.09911	.00040	.00630	-.00800	.63700	.06939
.200	30.950	1.10970	.56880	.11030	1.24420	-.08294	-.00240	.00230	-.02400	.61900	.07654
GRADIENT	.04483	-.00131	-.00131	.00202	.04571	.00029	.00000	.00002	-.00042	-.57985	-.00037

DATE 02 JUL 74 TABULATED SOURCE DATA - OM62B

(RD2337) (07 JUN 74)

OM62B B26C9 W/F8 W16E28W85X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1175 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 337 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	-.07020	.05900	.03870	-.07020	.03872	-.01140	.01140	.18500	.96100	.04613
.200	-8.060	-.07560	.06370	.04270	-.07560	.04270	-.01190	.01190	.14900	.96100	.04603
.200	-6.040	-.08190	.06860	.04730	-.08190	.04730	-.01240	.01240	.11400	.96100	.04510
.200	-4.000	-.08720	.07310	.04940	-.08720	.04940	-.01290	.01290	.07900	.96200	.04526
.200	-2.000	-.08920	.07430	.05120	-.08920	.05120	-.01340	.01340	.04800	.96300	.04458
.200	0.000	-.08920	.07510	.05120	-.08920	.05120	-.01390	.01390	.02200	.96500	.04587
.200	2.010	-.08920	.07510	.05120	-.08920	.05120	-.01440	.01440	.00000	.96500	.04558
.200	4.040	-.08920	.07510	.05120	-.08920	.05120	-.01490	.01490	.00000	.96700	.04582
.200	6.070	-.08920	.07510	.05120	-.08920	.05120	-.01540	.01540	.00000	.96700	.04510
.200	8.060	-.07800	.07360	.04760	-.07800	.04760	-.01590	.01590	.00000	.94500	.05160
.200	10.090	-.06640	.05460	.03320	-.06640	.03320	-.01640	.01640	.00000	.94500	.05164
GRADIENT	-.00014	-.00047	-.00034	-.00047	-.00043	-.00047	-.00029	-.00059	-.001753	-.00185	.00055

(RD2338) (07 JUN 74)

OM62B B26C9 W/F8 W16E28W85X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1175 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 337 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.16310	.05830	.04180	.16620	.02708	-.01780	.01790	.18600	.52300	.04554
.200	-8.060	.15660	.06310	.04620	.16010	.03201	-.01400	.01440	.14900	.50700	.04428
.200	-6.030	.15120	.06730	.04960	.15510	.03584	-.00980	.01100	.11000	.49200	.04411
.200	-3.980	.14710	.07010	.05220	.15120	.03880	-.00660	.00780	.07300	.48100	.04258
.200	-2.000	.14410	.07220	.05220	.14820	.03915	-.00390	.00450	.03700	.47200	.04406
.200	0.000	.14080	.07360	.05270	.14500	.03987	-.00090	.00220	.00200	.46500	.04364
.200	2.010	.14420	.07440	.05000	.14810	.03687	-.00120	-.00010	.00300	.47700	.04649
.200	4.030	.14970	.06430	.04710	.15330	.03350	.00740	-.00320	.00900	.49700	.04785
.200	6.070	.15260	.05970	.04380	.15590	.03002	.00830	-.00540	-.00600	.51100	.04928
.200	8.070	.15770	.05680	.04030	.16070	.02598	.01230	-.01020	-.01450	.52200	.05070
.200	10.090	.16400	.05390	.03690	.16660	.02201	.01590	-.01320	-.01840	.53400	.05102
GRADIENT	.00027	-.00062	-.00067	-.00062	.00021	-.00064	.00133	-.00133	-.01757	.00186	.00065

OM628 B26C9 W7F8 W16E28W8R5X9

(RD3339) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = 0.000 INCHES
BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 339/0 RN/L = 1.42 GRADIENT INTERVAL = -6.03/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.40890	.06890	.05200	.41460	-.00336	-.01810	.02370	.18400	.61600	.04649
.200	-8.050	.40210	.07260	.05770	.40860	-.00053	-.01460	.02110	.14700	.61000	.04447
.200	-6.050	.39660	.07540	.06280	.40370	.00319	-.01040	.01630	.10900	.59400	.04313
.200	-4.050	.39050	.07640	.06790	.39780	.00635	-.00680	.01130	.07200	.58900	.04199
.200	-2.050	.38620	.07830	.07130	.39490	.01403	-.00330	.00620	.03500	.58500	.04113
.200	.000	.38590	.07770	.07140	.39360	.02736	-.00100	.00210	.00200	.58500	.04281
.200	2.050	.38740	.07650	.06800	.39490	.03594	.00130	-.00180	-.03200	.58200	.04367
.200	4.050	.39340	.07370	.06200	.40020	.02217	.00410	-.00660	-.06700	.59500	.04495
.200	6.050	.39800	.07020	.05620	.40420	-.01214	.00800	-.01160	-.10700	.60700	.04633
.200	8.050	.40620	.06770	.05150	.41170	-.02612	.01170	-.01660	-.14500	.61600	.04857
.200	10.050	.41190	.06460	.04660	.41680	-.04172	.01490	-.02140	-.18100	.61000	.05193
GRADIENT	.00035	-.00036	-.00036	-.00075	.00029	-.00042	.00032	-.00018	-.00178	.00075	.00042

OM628 B26C9 W7F8 W16E28W8R5X9

(RD3340) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = 0.000 INCHES
BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPDBRK = 55.000

RUN NO. 340/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	10.060	.68320	.14050	.07880	.69390	-.04746	-.01970	.03020	.18700	.63100	.04645
.200	-8.050	.67500	.14310	.04640	.68870	-.04271	-.01560	.02440	.14900	.62700	.04473
.200	-6.050	.66280	.14530	.05760	.67770	-.03663	-.00990	.01730	.10800	.52000	.04282
.200	-3.990	.65970	.14560	.06060	.67460	-.03618	-.00670	.01130	.07200	.61900	.04361
.200	-2.050	.65820	.14740	.06190	.67370	-.03398	-.00330	.00510	.03600	.61800	.04345
.200	.000	.65900	.14620	.06200	.67430	-.03478	-.00050	.00060	.00000	.61800	.04553
.200	2.050	.65850	.14660	.06390	.67320	-.03672	.00180	-.00360	-.03500	.61900	.04646
.200	4.050	.66390	.14410	.05520	.67830	-.03872	.00440	-.00860	-.07100	.62100	.04595
.200	6.050	.66770	.14260	.05130	.68150	-.04117	.00700	-.01410	-.10600	.62400	.04630
.200	8.050	.68270	.14010	.04370	.69530	-.04765	.01130	-.02000	-.14700	.63100	.04934
.200	10.060	.68740	.13800	.03280	.69820	-.05090	.01620	-.02600	-.18700	.63400	.04664
GRADIENT	.00043	-.00029	-.00029	-.00058	.00034	-.00039	.00036	-.00024	-.00177	.00075	.00032

04628 826C9 W7F8 W116E28W45S8

(402341) (07 JUN 74)

REFERENCE DATA

SEEF = 4.419 SJ.FT. XMAP = 43.5374 INCHES
SEEF = 19.2299 INCHES YMAP = 10.000 INCHES
SEEF = 19.3259 INCHES ZMAP = 15.1075 INCHES
SCALE = 1:2415 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = 1.000 AIRPON = 1.000
BUDDER = 1.000 SPDBAY = 55.000

EVA. NO. 341 / 0 EN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

WACH	BETA	C _L	COF	CLM	CN	CAF	CYN	CPZ	CY	KCF/L	CAB
.20	-1.1170	.9637	.2716	.1150	.100380	-.11722	-.02020	.03470	.12700	.64600	.05116
.21	-1.1170	.9542	.2742	.1230	.09895	-.11514	-.01820	.03370	.14500	.64100	.04969
.22	-1.1170	.9447	.2760	.1317	.09761	-.11360	-.01660	.03310	.16300	.63600	.04791
.23	-1.1170	.9413	.2776	.1403	.09627	-.11207	-.01500	.03250	.18100	.63100	.04623
.24	-1.1170	.9447	.2800	.1488	.09493	-.11054	-.01340	.03190	.19900	.62600	.04433
.25	-1.1170	.9457	.2813	.1573	.09360	-.10901	-.01180	.03130	.21700	.62100	.04269
.26	-1.1170	.9457	.2813	.1658	.09226	-.10748	-.01020	.03070	.23500	.61600	.04109
.27	-1.1170	.9457	.2813	.1743	.09093	-.10595	-.00860	.03010	.25300	.61100	.03969
.28	-1.1170	.9457	.2813	.1828	.08959	-.10442	-.00700	.02950	.27100	.60600	.03814
.29	-1.1170	.9457	.2813	.1913	.08826	-.10289	-.00540	.02890	.28900	.60100	.03629
.30	-1.1170	.9457	.2813	.2000	.08692	-.10136	-.00380	.02830	.30700	.59600	.03484
.31	-1.1170	.9457	.2813	.2085	.08559	-.09983	-.00220	.02770	.32500	.59100	.03329
.32	-1.1170	.9457	.2813	.2170	.08426	-.09830	-.00060	.02710	.34300	.58600	.03184
.33	-1.1170	.9457	.2813	.2255	.08293	-.09677	.00100	.02650	.36100	.58100	.03029
.34	-1.1170	.9457	.2813	.2340	.08159	-.09524	.00240	.02590	.37900	.57600	.02884
.35	-1.1170	.9457	.2813	.2425	.08026	-.09371	.00380	.02530	.39700	.57100	.02729

Q4628 B26C9 M7F8 W16E28VR5X9

(R02343) (07 JUN 74)

REFERENCE DATA

SEEF = 4.4119 SQ.FT. XMEP = 43.5974 INCHES
 LSEF = 19.2299 INCHES YMEP = .0000 INCHES
 B-EF = 37.9359 INCHES ZMEP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
 ELEVON = .000 AILERON = .000
 RUDDER = .000 SPDBRK = 55.000

RUN NO. 343/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-4.190	-2.8260	.06210	.07680	-2.8640	.04130	-.00110	.00220	.00500	.75000	.04787
.260	-2.070	-1.8540	.05480	.07670	-1.8730	.04809	-.00130	.00210	.00500	.80200	.04739
.260	-1.060	-1.4010	.05220	.07620	-1.4110	.04965	-.00110	.00210	.00400	.85100	.04694
.260	-.020	-.09370	.05010	.07630	-.09370	.05011	-.00120	.00210	.00300	.95100	.04656
.260	1.000	-.04610	.04930	.07640	-.04520	.05012	-.00110	.00230	.00200	1.27300	.04605
.260	2.060	.00260	.04840	.07600	.00440	.04835	-.00110	.00220	.00300	-5.68300	.04594
.260	4.150	.09930	.04950	.07530	.10270	.04221	-.00100	.00220	.00100	.38200	.04573
.260	6.260	.19770	.05470	.07410	.21250	.03283	-.00110	.00210	.00200	.51700	.04388
.260	8.350	.29950	.06400	.07310	.30360	.01984	-.00110	.00210	.00100	.56400	.04342
.260	10.440	.39910	.07310	.07240	.40680	.00544	-.00100	.00210	.00000	.58600	.04276
.260	12.570	.50570	.10450	.07100	.51540	-.01191	-.00190	.00210	.00000	.60100	.04386
.260	14.670	.62170	.13150	.06550	.63470	-.03021	-.00070	.00310	.00000	.61400	.04583
.260	16.790	.74970	.17610	.05450	.76860	-.04801	-.00060	.00160	.00000	.62600	.04797
.260	18.920	.86820	.22780	.04850	.89520	-.06614	-.00140	.00250	.00100	.63200	.05033
.260	21.060	.97660	.30130	.04110	1.02110	-.07158	.00370	.00450	.00800	.63700	.05263
.260	23.140	1.07680	.37250	.03470	1.13560	-.08076	.00390	.00340	.00900	.64000	.05700
.260	25.250	1.16540	.45340	.03190	1.24740	-.08726	.00180	.00160	.00300	.64200	.06331
.260	27.360	1.24550	.53560	.03180	1.35330	-.09734	.00130	.00320	-.00600	.64300	.06853
.260	29.580	1.22530	.57840	.06610	1.35150	-.09730	-.00040	.00470	-.00300	.63400	.07458
.260	31.280	1.08260	.56850	.12510	1.22140	-.07641	-.00460	.00210	-.00400	.61400	.08042
GRADIENT	.04573	-.00151	-.00151	-.00016	.04661	.00011	.00002	.00001	-.00050	-.32105	-.00028

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES ALPHA = .0000 BDFLAP = -12.0000
 LREF = 13.2239 INCHES YMRP = .0000 INCHES ELEWON = .0000 AILRON = .0000
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .0000 SPDRK = 55.0000
 SCALE = .0405 SCALE

PARAMETRIC DATA

RUN NO. 3447 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	YCF/L	CAB
.260	-10.110	.17100	.04110	.05970	.17400	.02544	-.01650	.01840	.16800	.52510	.04657
.260	-8.100	.16460	.04560	.06380	.16810	.03047	-.01450	.01510	.14900	.51200	.04510
.260	-6.080	.15950	.04840	.06810	.16320	.03381	-.01040	.01130	.11200	.49000	.04531
.260	-4.040	.15650	.05080	.07090	.16050	.03638	-.00740	.00910	.07400	.46800	.04416
.260	-2.030	.15160	.05150	.07330	.15570	.03753	-.00340	.00470	.00700	.47800	.04502
.260	.1820	.14930	.05210	.07420	.15340	.03843	-.00120	.00230	.00200	.47200	.04464
.260	2.110	.15130	.04970	.07170	.15520	.03577	.00100	.00300	-.01320	.48200	.04730
.260	4.720	.15540	.04620	.06560	.15910	.03194	.00240	-.00310	-.01700	.51100	.04359
.260	6.170	.16120	.04340	.06030	.16350	.02857	.00410	-.01540	-.01810	.51600	.04390
.260	8.170	.16610	.04100	.05720	.16690	.02484	.00260	-.01120	-.01450	.52700	.04144
.260	10.190	.17140	.03540	.05290	.17190	.01974	.00160	-.00734	-.01870	.54000	.03272
GRADIENT	-.00112	-.00112	-.00155	-.00117	-.00117	-.00153	.00136	-.00134	-.00172	.00129	.00165

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES ALPHA = 5.0000 BDFLAP = -12.0000
 LREF = 19.2239 INCHES YMRP = .0000 INCHES ELEWON = .0000 AILRON = .0000
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES RUDDER = .0000 SPDRK = 55.0000
 SCALE = .0405 SCALE

PARAMETRIC DATA

RUN NO. 3457 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	YCF/L	CAB
.260	-10.110	.17100	.04110	.05970	.17400	.02544	-.01650	.01840	.16800	.52510	.04657
.260	-8.100	.16460	.04560	.06380	.16810	.03047	-.01450	.01510	.14900	.51200	.04510
.260	-6.080	.15950	.04840	.06810	.16320	.03381	-.01040	.01130	.11200	.49000	.04531
.260	-4.040	.15650	.05080	.07090	.16050	.03638	-.00740	.00910	.07400	.46800	.04416
.260	-2.030	.15160	.05150	.07330	.15570	.03753	-.00340	.00470	.00700	.47800	.04502
.260	.1820	.14930	.05210	.07420	.15340	.03843	-.00120	.00230	.00200	.47200	.04464
.260	2.110	.15130	.04970	.07170	.15520	.03577	.00100	.00300	-.01320	.48200	.04730
.260	4.720	.15540	.04620	.06560	.15910	.03194	.00240	-.00310	-.01700	.51100	.04359
.260	6.170	.16120	.04340	.06030	.16350	.02857	.00410	-.01540	-.01810	.51600	.04390
.260	8.170	.16610	.04100	.05720	.16690	.02484	.00260	-.01120	-.01450	.52700	.04144
.260	10.190	.17140	.03540	.05290	.17190	.01974	.00160	-.00734	-.01870	.54000	.03272
GRADIENT	-.00112	-.00112	-.00155	-.00117	-.00117	-.00153	.00136	-.00134	-.00172	.00129	.00165

QM62B B26C9 MTF8 W16E28WR5X9

(RD2346) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEWON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 55.000

RUN NO. 346/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.250	-10.090	.42630	.07080	.05200	.43200	-.00787	-.01870	.02650	.18600	.60700	.04703
.260	-8.100	.42110	.07390	.05790	.42760	-.00364	-.01540	.02180	.15000	.60200	.04569
.260	-5.080	.41350	.07590	.06380	.42040	-.00051	-.01100	.01690	.10900	.59600	.04422
.260	-4.030	.40650	.07630	.06880	.41390	.00313	-.00740	.01170	.07200	.59000	.04196
.260	-2.040	.40410	.07650	.07170	.41170	.00392	-.00390	.00650	.03700	.58800	.04327
.260	.000	.40000	.07600	.07000	.40000	.00000	.00000	.00000	.00000	.00000	.00000
.260	2.010	.40200	.07730	.06920	.41930	.00305	.00110	-.00180	-.03200	.58900	.04538
.260	4.050	.40920	.07490	.06340	.41600	-.00072	.00420	-.00670	-.05900	.59600	.04575
.260	6.060	.41550	.07130	.05680	.42150	-.00537	.00790	-.01170	-.10700	.60200	.04746
.260	8.080	.42040	.06940	.05110	.42600	-.00810	.01210	-.01700	-.14700	.60700	.04840
.260	10.110	.42640	.06560	.04620	.43320	-.01337	.01550	-.02160	-.18500	.61200	.05208
GRADIENT	.00015	-.00041	-.00066	-.00066	.00007	-.00043	.00140	-.00223	-.01737	.00062	.00048

QM62B B26C9 MTF8 W16E28WR5X9

(RD2347) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEWON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 55.000

RUN NO. 347/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.110	.70600	.14750	.03740	.71960	-.04955	-.02010	.03130	.18800	.63300	.04648
.260	-8.100	.69860	.14910	.04560	.71290	-.04588	-.01340	.02500	.14800	.62800	.04578
.260	-6.080	.68840	.15280	.05750	.70410	-.03964	-.00000	.01810	.10900	.62200	.04283
.260	-4.020	.68860	.15220	.05970	.70410	-.04025	-.00710	.01210	.07200	.62000	.04497
.260	-2.010	.68800	.15440	.06010	.70410	-.03797	-.00350	.00580	.03000	.62000	.04469
.260	.000	.69020	.15420	.05920	.70670	-.03892	-.00060	.00090	.00000	.62100	.04731
.260	2.010	.69150	.15330	.05750	.70720	-.04000	.00160	-.00300	-.03600	.62200	.04733
.260	4.010	.69380	.15130	.05340	.70880	-.04246	.00430	-.00830	-.07200	.62400	.04713
.260	6.060	.70130	.15170	.04950	.71150	-.04517	.00710	-.01400	-.10800	.62600	.04765
.260	8.080	.71140	.14740	.03760	.72400	-.05119	.01190	-.02350	-.15000	.63100	.04994
.260	10.110	.72270	.14530	.03120	.73520	-.05572	.01700	-.02680	-.19200	.63600	.05138
GRADIENT	.00069	-.00014	-.00066	-.00066	.00062	-.00032	.00139	-.00227	-.01794	.00050	.00035

REFERENCE DATA

3755.9 = 3745

340/0 2N/0 = 1.05 GRADIENT INTERVAL = -6.05/ 6.05

[illegible]

04628 B26C9 M7F6 W16E28WERS10

(R02349) (07 JUN 74)

REFERENCE DATA

SEEP = 4.4119 SQ.FT. YMEP = 43.5974 INCHES
 LSEEP = 19.2299 INCHES YMEP = .0000 INCHES
 BSEEP = 37.9359 INCHES ZMEP = 15.1875 INCHES
 SCALE = .0403 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEWON = .000 AILRON = .000
 RUDDER = -7.960 SPDBRK = 55.000

RUN NO. 349/0 RN/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

WCM	ALPHA	CL	CDP	CLM	CM	CAF	CYN	CBL	CY	KCP/L	CAB
.260	-4.210	-2.8260	.06240	.07660	-1.28640	.04145	.009500	-1.05400	-1.01800	.75000	.04747
.260	-2.130	-1.8820	.05470	.07630	-1.19010	.04765	.009200	-1.05340	-1.01800	.80000	.04710
.260	-1.110	-1.4100	.05120	.07640	-1.14190	.04892	.009000	-1.05370	-1.01800	.85000	.04797
.260	-.030	-.09290	.05000	.07630	-.09300	.05000	.008900	-1.05350	-1.01700	.90000	.04665
.260	.990	-.04560	.04800	.07580	-.10470	.04869	.008700	-1.05340	-1.01700	1.27500	.04700
.260	2.030	.00130	.04800	.07600	-.10300	.04800	.008600	-1.05320	-1.01700	-8.46200	.04614
.260	4.130	.05820	.04350	.07540	.00150	.04235	.008400	-1.05280	-1.01700	.37800	.04533
.260	6.220	.19680	.05430	.07450	.20150	.03272	.007400	-1.05260	-1.01600	.51600	.04390
.260	8.370	.29310	.06380	.07290	.31520	.01965	.007700	-1.05240	-1.01600	.58400	.04354
.260	10.450	.40150	.07880	.07280	.40810	.00488	.007400	-1.05210	-1.01500	.58600	.04293
.260	12.530	.51460	.09840	.07120	.51400	-.01315	.007400	-1.05190	-1.01600	.60100	.04309
.260	14.670	.62130	.13120	.06600	.63430	-.03040	.007500	-1.05290	-1.01600	.61300	.04374
.260	16.770	.74730	.17420	.05630	.76580	-.04883	.007900	-1.05280	-1.01700	.62500	.04353
.260	18.880	.86240	.22430	.05020	.89840	-.06697	.007000	-1.05160	-1.01600	.63100	.04388
.260	21.010	.97470	.29750	.04150	1.01650	-.07185	.012200	-1.05130	-1.02500	.63700	.05375
.260	23.120	1.08100	.37670	.03200	1.14120	-.07755	.010500	-1.05140	-1.02300	.64100	.05824
.260	25.270	1.17330	.46160	.02870	1.25820	-.08466	.009700	-1.05370	-1.02000	.64300	.05622
.260	27.350	1.24700	.53500	.03030	1.33330	-.09804	.011100	-1.05180	-1.02600	.64300	.05913
.260	29.340	1.22870	.57590	.06440	1.35320	-.10724	.009800	-1.05270	-1.02700	.63400	.07316
.260	31.300	1.11250	.58140	.11690	1.23210	-.08220	.005600	-1.04430	-1.04900	.61700	.07945
GRADIENT		.04564	-.00156	-.00014	.04649	.00010	-.00013	.00014	.00016	-.44585	-.00026

04628 B26C9 WTR M16E28WR5X9

(R02350) (07 JUN 74)

REFERENCE DATA

SECF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .0000 BDFLAP = -12.000
 ELEVEN = .0000 ALLRN = .0000
 RUDDER = -7.960 SPDRK = 55.000

RUN NO. 350/0 RW/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBI	CY	XCF/L	CAB
.260	-10.100	-0.7020	.03630	.05840	.07020	.03629	-.00200	.00580	.07000	.95800	.04681
.260	-8.090	-0.7890	.04120	.06360	.07780	.04117	-.00420	.00370	.03200	.94800	.04623
.260	-6.080	-0.8450	.04620	.06980	.08440	.04616	.00000	.00130	.09200	.95900	.04610
.260	-4.070	-0.8860	.04930	.07330	.08860	.04924	.00430	-.00090	.05300	.95600	.04531
.260	-2.070	-0.9110	.05110	.07620	.09110	.05112	.00690	-.00230	.01700	.95900	.04598
.260	0.000	-0.9210	.05160	.07610	.09210	.05161	.00920	-.00340	.01700	.95600	.04629
.260	2.020	-0.9210	.04910	.07420	.09210	.04917	.01110	-.00460	.05100	.94800	.04613
.260	4.070	-0.9110	.04640	.07330	.08920	.04635	.00390	-.00610	.04800	.94600	.04951
.260	6.080	-0.8450	.04190	.06710	.08440	.04164	.00170	-.00820	.02000	.94200	.05169
.260	8.090	-0.7890	.03630	.06330	.07780	.03629	.00000	-.00940	.01600	.94800	.05238
.260	10.110	-0.7020	.03090	.05850	.06980	.03088	.00240	-.01100	.02400	.96000	.05353
GRADIENT			-.00134	-.00030	-.00110	-.00035	.00116	-.00064	-.00739	-.00154	.00052

REFERENCE DATA

SECF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.0000 BDFLAP = -12.000
 ELEVEN = .0000 ALLRN = .0000
 RUDDER = -7.960 SPDRK = 55.000

RUN NO. 351/0 RW/L = 1.05 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBI	CY	XCF/L	CAB
.260	-10.100	.07110	.03980	.05710	.07400	.02414	-.00950	.01370	.07000	.53100	.04650
.260	-8.090	.06500	.04430	.06240	.06840	.02919	-.00540	.01010	.03200	.51500	.04522
.260	-6.080	.05830	.04820	.06760	.06300	.03388	-.00270	.00510	.09000	.48600	.04493
.260	-4.070	.05390	.05090	.07150	.05780	.03680	.00330	.00240	.05400	.48500	.04412
.260	-2.020	.05040	.05120	.07430	.05440	.03736	.00630	-.00340	.01700	.47400	.04545
.260	0.000	.04990	.05200	.07500	.05370	.03834	.00830	-.00280	.01600	.47200	.04430
.260	2.020	.04910	.04910	.07140	.05510	.03526	.01060	-.00530	.05200	.48200	.04749
.260	4.070	.04640	.04730	.06650	.06140	.03291	.00800	-.00820	.04900	.49900	.04917
.260	6.080	.04320	.04400	.06210	.06350	.02933	.01700	-.01140	.02700	.51200	.05077
.260	8.090	.04130	.04130	.05900	.06900	.02612	.02060	-.01480	.01600	.52300	.05141
.260	10.120	.03740	.03740	.05660	.07220	.02191	.02410	-.01760	.02400	.53100	.05262
GRADIENT			-.00134	-.00064	.00000	-.00049	.00125	-.00130	-.00763	.00081	.00060

DATE 02 JUL 74

TABULATED SOURCE DATA - Q628

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Q628 B26C9 M7F8 W16E28V8R5X9

(RD2352) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 10.000 BOFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -7.960 SPDBK = 55.000

PARAMETRIC DATA

RUN NO. 352/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.42900	.06900	.04950	.43440	-.05982	-.01040	.02180	.17000	.61000	.04797
.260	-8.080	.42140	.07340	.05550	.42770	-.00417	-.00600	.01650	.13100	.60400	.04509
.260	-6.060	.41340	.07550	.06190	.42020	-.00065	-.00130	.01130	.09100	.59700	.04403
.260	-4.030	.40700	.07720	.06930	.41430	.00229	.00250	.00640	.05300	.59000	.04360
.260	-2.010	.40230	.07890	.07130	.40990	.00481	.00520	.00150	.02000	.58700	.04284
.260	.000	.40200	.07840	.07150	.40960	.00441	.00760	-.00250	-.01500	.58700	.04409
.260	2.020	.40420	.07780	.06840	.41160	.00332	.01040	-.00700	-.05100	.59000	.04445
.260	4.040	.40970	.07400	.06280	.41640	-.00137	.01310	-.01170	-.08700	.59600	.04698
.260	6.070	.41590	.07240	.05680	.42210	-.00402	.01670	-.01670	-.12600	.60200	.04728
.260	8.100	.42140	.07020	.05240	.42710	-.00720	.02040	-.02190	-.16500	.60600	.04932
.260	10.120	.42600	.06820	.04950	.43130	-.01009	.02290	-.02590	-.20000	.60900	.05159
GRADIENT		.00236	-.00037	-.00080	.00029	-.00044	.00131	-.00222	-.01740	.00074	.00042

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 15.000 BOFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -7.960 SPDBK = 55.000

PARAMETRIC DATA

RUN NO. 353/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.70880	.14570	.03490	.72180	-.05173	-.01120	.02070	.17100	.63400	.04755
.260	-8.070	.69980	.14840	.04480	.71390	-.04666	-.00610	.02030	.12900	.62900	.04643
.260	-6.070	.68530	.15120	.05710	.70060	-.03997	-.00050	.01340	.08800	.62200	.04435
.260	-4.040	.68420	.15270	.06070	.70000	-.03827	.00280	.00670	.15300	.62000	.04507
.260	-2.020	.68240	.15450	.06060	.69880	-.03607	.00560	.00170	.01800	.62000	.04560
.260	.000	.68930	.15300	.06070	.70500	-.03942	.00810	-.00340	-.01700	.62000	.04807
.260	2.020	.68910	.15230	.05790	.70460	-.04011	.01060	-.00850	-.05300	.62100	.04860
.260	4.040	.69480	.14940	.05310	.70930	-.04429	.01330	-.01380	-.09000	.62400	.04790
.260	6.090	.70020	.15030	.04780	.71470	-.04490	.01590	-.01930	-.12600	.62700	.04704
.260	8.100	.71470	.14790	.03330	.72810	-.05140	.02060	-.02610	-.16700	.63200	.05084
.260	10.130	.72240	.14690	.03310	.73520	-.05436	.02500	-.03200	-.20800	.63500	.05107
GRADIENT		.00138	-.00044	-.00089	.00121	-.00080	.00129	-.00249	-.01767	.00045	.00033



EX-100 2391 14 946 60478 82500

(R02354) (57 JUN 74)

REFERENCE DATA

\$SEF = 4.419 \$3.FT. YMRP = 43.5974 INCHES
 \$SEF = 19.2299 INCHES YMRP = 10000 INCHES
 \$SEF = 37.9319 INCHES YMRP = 1011875 INCHES
 \$SEF = 10419 SCALE

PARAMETRIC DATA

ALPHA =	20.000	BDFLAP =	-12.000
ELEVW =	.000	ATLSPW =	.000
RODGR =	-7.960	SDGRSV =	55.000

FROM NO. 354/10 $R_{N/L} = 1.85$ σ -GRADIENT INTERVAL = $-6.00/6.00$

WACH	BETA	CL	QDF	CLM	CN	CAP	CYN	CDL	CY	YCF/L	CAB
.260	-0.0090	.99320	.30860	.00540	1.03700	-.07054	-.02390	.72580	.19190	.65030	.05539
.260	-0.0090	.97730	.31630	.02110	1.02030	-.0643	-.01330	.64410	.18200	.64410	.05199
.260	-0.0080	.95740	.32710	.03610	1.01320	-.06167	-.00610	.63600	.17300	.63330	.04835
.260	-0.0070	.93910	.33820	.05040	1.01150	-.05739	-.00350	.62970	.16500	.62810	.04477
.260	-0.0060	.92380	.34970	.06470	1.02470	-.05293	.00190	.62390	.15740	.62490	.04130
.260	-0.0050	.91230	.36130	.07790	1.03550	-.04836	.00770	.61760	.15070	.62070	.03794
.260	-0.0040	.90220	.37300	.09020	1.04740	-.04365	.01320	.61120	.14370	.61700	.03479
.260	-0.0030	.89310	.38450	.10170	1.06040	-.03874	.01930	.60430	.13630	.61300	.03193
.260	-0.0020	.88490	.39600	.11250	1.07370	-.03369	.02590	.59690	.12860	.60870	.02930
.260	-0.0010	.87740	.40740	.12250	1.08650	-.02851	.03250	.58910	.12070	.60430	.02690
.260	.000000	.87050	.41870	.13170	1.09870	-.02316	.03880	.58080	.11260	.60000	.02467
.260	.000000	.86410	.42990	.14010	1.11030	-.01766	.04490	.57200	.10430	.59570	.02255
.260	.000000	.85810	.44100	.14770	1.12130	-.01201	.05080	.56270	.09580	.59140	.02057
.260	.000000	.85240	.45200	.15460	1.13170	-.00622	.05650	.55300	.08720	.58710	.01877
.260	.000000	.84690	.46290	.16080	1.14150	.00000	.06200	.54290	.07850	.58280	.01715
.260	.000000	.84160	.47370	.16630	1.15070	.00573	.06730	.53240	.06970	.57850	.01567
.260	.000000	.83640	.48440	.17110	1.15930	.01160	.07240	.52150	.06070	.57420	.01435
.260	.000000	.83130	.49500	.17520	1.16730	.01786	.07730	.51020	.05160	.56990	.01315
.260	.000000	.82630	.50550	.17870	1.17470	.02450	.08200	.49850	.04240	.56560	.01207
.260	.000000	.82140	.51590	.18170	1.18150	.03150	.08650	.48640	.03310	.56130	.01115
.260	.000000	.81660	.52620	.18410	1.18770	.03876	.09080	.47390	.02370	.55700	.01035
.260	.000000	.81190	.53640	.18590	1.19330	.04628	.09490	.46100	.01420	.55270	.00965
.260	.000000	.80730	.54650	.18720	1.19830	.05405	.09880	.44770	.00460	.54840	.00905
.260	.000000	.80280	.55650	.18800	1.20270	.06207	.10250	.43400	.00000	.54410	.00855
.260	.000000	.80330	.56640	.18830	1.20650	.07033	.10600	.42000	.00000	.53980	.00815
.260	.000000	.80380	.57620	.18810	1.20970	.07883	.10930	.40570	.00000	.53550	.00785
.260	.000000	.80430	.58590	.18740	1.21230	.08756	.11250	.39110	.00000	.53120	.00755
.260	.000000	.80480	.59550	.18620	1.21430	.09653	.11560	.37620	.00000	.52690	.00725
.260	.000000	.80530	.60500	.18450	1.21570	.10574	.11860	.36110	.00000	.52260	.00695
.260	.000000	.80580	.61440	.18230	1.21650	.11527	.12150	.34580	.00000	.51830	.00665
.260	.000000	.80630	.62370	.17960	1.21670	.12501	.12430	.33030	.00000	.51400	.00635
.260	.000000	.80680	.63290	.176							

04628 826C9 MTF8 W16E28VR5X9

(02355) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0000 BDFLAP = -12.000
ELEVON = .0000 AILERON = .0000
RUDDER = -16.220 SPDPRK = 55.000

RUN NO. 355/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLW	CN	CAF	CYN	ZBL	CY	XCP/L	CAB
.260	-4.220	-28380	.06230	.07610	-28760	.04174	.02020	-.01010	-.04300	.74900	.04849
.260	-2.110	-11860	.05510	.07650	-19050	.04812	.01930	-.00990	-.04000	.79900	.04816
.260	-1.090	-14290	.05470	.07820	-14390	.05198	.01810	-.00890	-.03800	.85200	.04670
.260	-.050	-.09620	.05170	.07810	-.09620	.05164	.01780	-.00870	-.03700	.95700	.04743
.260	1.020	-.04610	.05080	.07850	-.04510	.05163	.01750	-.00840	-.03700	1.29100	.04655
.260	2.020	.07040	.05000	.07840	.05020	.05001	.01730	-.00810	-.03300	-12.45100	.04643
.260	4.110	.09470	.05190	.07810	.09820	.04498	.01670	-.00770	-.03600	.35900	.04509
.260	6.240	.19600	.05710	.07660	.20110	.03548	.01630	-.00720	-.03500	.51200	.04371
.260	8.330	.29580	.05580	.07470	.30220	.02226	.01580	-.00700	-.03400	.56100	.04277
.260	10.400	.39820	.07970	.07460	.40610	.00651	.01550	-.00660	-.03300	.54000	.04352
.260	12.550	.50470	.10120	.07280	.51470	-.01085	.01540	-.00630	-.03400	.60700	.04443
.260	14.650	.62260	.13230	.07600	.63580	-.02948	.01550	-.00710	-.03300	.61300	.04603
.260	16.720	.74350	.17590	.05720	.76840	-.04807	.01570	-.00550	-.03400	.62400	.04853
.260	18.880	.86320	.22690	.05170	.89720	-.05467	.01490	-.00530	-.03300	.63000	.04978
.260	21.030	.97460	.29820	.04230	1.01690	-.07076	.02090	-.00390	-.03400	.63600	.05338
.260	23.110	1.08040	.37690	.03190	1.14170	-.07753	.01990	-.00700	-.04300	.64100	.05888
.260	24.290	1.17200	.46700	.02620	1.25740	-.08703	.01920	-.00890	-.04100	.64400	.06299
.260	25.220	1.17290	.46700	.02620	1.25740	-.08703	.01920	-.00890	-.04100	.64400	.06299
.260	27.340	1.25170	.53800	.02900	1.35890	-.09695	.01990	-.00500	-.04600	.64400	.06991
.260	29.350	1.22630	.57570	.06680	1.35110	-.09945	.01880	-.00070	-.04800	.63300	.07801
.260	31.250	1.09980	.57560	.11890	1.23890	-.07845	.01220	.01910	-.06800	.61600	.08125
GRADIENT		.04552	-.00132	.00028	.04640	.00038	-.00043	.00030	.00076	-.62756	-.00039

04628 B26C9 W7F8 W16E28W8R3X9

(RDZ356) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA =
ELEVON =
RUDDER =

.000 BDFLAP = -12.000
.000 AILRON = .000
-16.220 SFD8RK = 55.000

PARAMETRIC DATA

RUN NO. 356/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	-.07100	.03550	.05710	-.07100	.03552	.00120	.00040	.15000	.96800	.04698
.260	-8.100	-.07820	.04120	.06380	-.07820	.04115	.00340	-.00170	.11100	.95200	.04594
.260	-6.050	-.08440	.04720	.07110	-.08440	.04717	.01111	-.00470	.07000	.96200	.04576
.260	-4.010	-.09000	.04990	.07540	-.09000	.04991	.01460	-.00670	.03100	.96000	.04623
.260	-2.020	-.09390	.05230	.07800	-.09390	.05230	.01640	-.00780	.00300	.95700	.04579
.260	-.020	-.09390	.05200	.07870	-.09390	.05202	.01770	-.00860	-.03500	.96000	.04725
.260	2.010	-.09440	.05120	.07680	-.09440	.05115	.01990	-.00970	-.07100	.95100	.04792
.260	4.030	-.09020	.04820	.07340	-.09020	.04815	.02240	-.01120	-.10700	.95100	.04962
.260	6.070	-.08690	.04450	.06990	-.08700	.04447	.02490	-.01250	-.14300	.94700	.05136
.260	8.080	-.07960	.04080	.06560	-.07970	.04078	.02800	-.01380	-.18200	.95500	.05215
.260	10.100	-.07240	.03600	.06140	-.07240	.03606	.03090	-.01500	-.21900	.96400	.05357
GRADIENT	-.00004	-.00023	-.00023	-.00026	-.00003	-.00023	.00095	-.00054	-.01711	-.00120	.00044

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA =
ELEVON =
RUDDER =

5.000 BDFLAP = -12.000
.000 AILRON = .000
-16.220 SFD8RK = 55.000

PARAMETRIC DATA

RUN NO. 357/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.16850	.04000	.05880	.17140	.02460	-.00090	.00880	.15300	.92500	.04719
.260	-8.100	.16030	.04530	.06510	.16370	.03068	.00340	-.00500	.11400	.90500	.04575
.260	-6.070	.15550	.04980	.07150	.15930	.03563	.00840	.00090	.07400	.88600	.04500
.260	-4.020	.14920	.05320	.07600	.15340	.03955	.01210	-.00250	.03500	.86900	.04489
.260	-2.030	.14730	.05390	.07830	.15150	.04044	.01460	-.00510	.00000	.86100	.04533
.260	-.010	.14570	.05390	.07750	.14990	.04057	.01670	-.00750	-.03500	.86100	.04462
.260	2.010	.14860	.05190	.07390	.15260	.03834	.01890	-.01000	-.07000	.87300	.04645
.260	4.050	.15250	.04980	.06990	.15630	.03587	.02150	-.01270	-.10700	.88700	.04893
.260	6.060	.15710	.04710	.06610	.16070	.03273	.02460	-.01450	-.14500	.90000	.04965
.260	8.080	.16040	.04400	.06370	.16370	.02939	.02720	-.01840	-.18100	.90800	.05112
.260	10.110	.16430	.04110	.06150	.16730	.02617	.02960	-.02060	-.21700	.91600	.05197
GRADIENT	.00039	-.00044	-.00023	-.00083	.00034	-.00047	.00114	-.00125	-.01754	.00239	.00046

DATE 02 JUL 74

TABULATED SOURCE DATA - QM62B

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QM62B B26C9 M7F8 W116E28V8R5X9

(RDZ358) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -16.220 SPDBRK = 55.000

PARAMETRIC DATA

RUN NO. 358/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.110	.42380	.07010	.05230	.42960	-.00772	-.00180	.01740	.15200	.60700	.04805
.260	-8.100	.41690	.07340	.05910	.42330	-.00326	.00230	.01220	.11400	.60000	.04703
.260	-6.050	.40760	.07660	.06680	.41480	.00163	.00760	.00670	.07200	.59200	.04470
.260	-4.020	.40060	.07950	.07330	.40840	.00569	.01110	.00180	.03500	.58600	.04340
.260	-2.030	.39810	.08030	.07330	.40610	.00693	.01320	-.00250	.00200	.58300	.04333
.260	-.010	.39720	.07980	.07490	.40510	.00670	.01540	-.00650	-.03200	.58400	.04366
.260	2.010	.40020	.07870	.07160	.40840	.00492	.01790	-.01080	-.06700	.58700	.04448
.260	4.060	.40350	.07630	.06620	.41270	.00163	.02080	-.01560	-.10500	.59300	.04625
.260	6.070	.40940	.07480	.06140	.41620	-.00049	.02410	-.02030	-.14300	.59700	.04703
.260	8.090	.41330	.07290	.05720	.42160	-.00342	.02660	-.02490	-.17900	.60200	.04887
.260	10.110	.42000	.07060	.05330	.42580	-.00663	.02820	-.02840	-.21400	.60400	.05212
GRADIENT	.00062	-.00040	-.00040	-.00089	.00054	-.00050	.00119	-.00213	-.01728	.00090	.00034

QM62B B26C9 M7F8 W116E28V8R5X9

(RDZ359) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = -16.220 SPDBRK = 55.000

PARAMETRIC DATA

RUN NO. 359/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.100	.70410	.14540	.03620	.71720	-.05063	-.00250	.02200	.15100	.63300	.04835
.260	-8.090	.69470	.14790	.04640	.70890	-.04567	.00280	.01590	.11100	.62800	.04732
.260	-6.070	.68250	.15080	.05930	.69790	-.03950	.00780	.00930	.07100	.62000	.04468
.260	-4.030	.68110	.15230	.06370	.69700	-.03775	.01100	.00300	.05600	.61800	.04507
.260	-2.020	.68290	.15380	.06440	.69900	-.03677	.01320	-.00210	.00100	.61800	.04573
.260	.000	.68560	.15350	.06280	.70150	-.03787	.01570	-.00690	-.03500	.61900	.04708
.260	2.010	.68630	.15240	.05060	.70210	-.03919	.01800	-.01140	-.07000	.62000	.04674
.260	4.040	.69140	.15170	.05570	.70670	-.04114	.02040	-.01660	-.10700	.62300	.04610
.260	6.070	.69750	.15060	.05100	.71220	-.04386	.02220	-.02180	-.14100	.62500	.04727
.260	8.090	.70630	.14950	.04740	.72040	-.04728	.02570	-.02770	-.18000	.62900	.04992
.260	10.110	.71170	.14840	.03910	.72530	-.05005	.02850	-.03280	-.21700	.63200	.04985
GRADIENT	.00120	-.00013	-.00013	-.00098	.00112	-.00046	.00117	-.00240	-.01770	.00060	.00015

(RD2360) (07 JUN 74)

0A62B B26C9 W7F8 W16E28W8R5X9

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = -16.220 SPDSRK = 55.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 360/0 RN/L = 1.85 GRADIENT INTERVAL = -6.01/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.090	.99510	.30860	.00420	1.03960	-.06881	-.01190	.02130	.17300	.65000	.05734
.260	-8.070	.98210	.30950	.01970	1.02780	-.06311	-.00410	.01540	.12900	.64500	.05481
.260	-6.050	.97060	.30960	.03370	1.01710	-.05887	.00180	.01230	.08400	.63900	.05255
.260	-4.020	.97120	.31170	.03580	1.01840	-.05722	.00670	.00550	.04500	.63900	.05157
.260	-2.020	.97540	.31480	.03670	1.02340	-.05586	.01120	-.00020	.00700	.63800	.05193
.260	.020	.97950	.30960	.03790	1.02540	-.06226	.01640	-.00520	-.03500	.63800	.05498
.260	2.020	.97680	.30070	.03890	1.01970	-.06365	.02060	-.01120	-.07500	.63800	.05464
.260	4.060	.97130	.29660	.04060	1.01310	-.07131	.02430	-.01750	-.11400	.63700	.04956
.260	6.070	.97010	.29150	.03860	1.01020	-.07547	.02590	-.02390	-.14700	.63800	.05082
.260	8.090	.97910	.29590	.02900	1.02010	-.07484	.02990	-.02910	-.18600	.64100	.05571
.260	10.110	1.00110	.30250	.01360	1.04300	-.07671	.03440	-.03490	-.22900	.64700	.05832
GRADIENT		.00008	-.00219	.00058	-.00071	-.00208	.00221	-.00282	-.01980	-.00020	-.00007

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.9974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDER = .000 SPDPRK = 85.000

RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH = .263	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	CAB	XCF/L
	-4.310	-3.918	.07116	.10446	-.31368	.04771	.00042	.00120	.00060	.07223	.77400
	-2.200	-.21366	.16270	.10356	-.21594	.05446	.00048	.00114	.00000	.07079	.82800
	-1.130	-.16566	.06036	.10398	-.16680	.05705	.00042	.00120	.00060	.07023	.88100
	-.090	-.11958	.05718	.10392	-.11970	.05697	.00042	.00120	.00060	.07015	.97100
	.950	-.07230	.05610	.10416	-.07140	.05702	.00048	.00126	.00000	.06936	1.18900
	2.030	-.02340	.05466	.10374	-.02142	.05551	.00042	.00138	-.00050	.06882	2.43000
	4.120	.07144	.05568	.10392	.07422	.05049	.00036	.00132	-.00120	.06781	.13700
	6.250	.16884	.10260	.17442	.17442	.04159	.00042	.00138	-.00120	.06594	.43500
	8.370	.26688	.10206	.27432	.27432	.03101	.00030	.00156	-.00120	.06306	.51500
	10.490	.36924	.10296	.37830	.37830	.01499	.00048	.00162	-.00180	.06481	.55100
	12.620	.47148	.10506	.48306	.48306	-.00050	.00042	.00174	-.00120	.06445	.57400
	14.800	.59250	.13554	.60922	.60750	-.02030	.00036	.00126	-.00120	.06730	.59200
	16.910	.71556	.17916	.88350	.73674	-.03677	.00054	.00144	-.00120	.06730	.60700
	19.060	.83778	.23166	.08094	.86754	-.05465	.00006	.00228	-.00060	.06925	.61700
	20.710	.94998	.29460	.07452	.99276	-.06148	.00444	.00252	-.00840	.07244	.62400
	23.350	1.05060	.38082	.06354	1.11546	-.06685	.00312	.00172	-.00600	.07555	.63100
	25.420	1.15008	.46416	.05730	1.23786	-.07591	.00120	.00034	-.00240	.08217	.63400
	27.580	1.21626	.53760	.06480	1.32696	-.08676	.00282	.00132	-.00780	.08699	.63400
	29.630	1.20306	.58296	.09852	1.33398	-.08818	.00174	.00576	-.00960	.09190	.62400
	31.570	1.08282	.58242	.15148	1.22748	-.07058	-.00396	.02472	-.02520	.09361	.60700
GRADIENT		.04502	-.00196	-.00004	.04600	.00001	-.00001	.00012	-.00020	-.00051	.02220

(RD2362) (07 JUN 74)

Q4628 B26C9 W7F8 W16E28V85X9

PARAMETRIC DATA

ALPHA = .000 BOFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPEEDBRK = 85.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH = .260	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	CAB	XCP/L
	-1.0000	-0.9702	.04598	.08784	-.09708	.04689	-.01722	.00972	.18900	.06695	.98500
	-4.0000	-1.0515	.05172	.09414	-.10512	.05167	-.01332	.00790	.15120	.06694	.98100
	-6.0000	-1.1134	.05675	.09948	-.11160	.05665	-.00876	.00552	.11160	.06581	.98000
	-4.0000	-1.1555	.05710	.10140	-.11562	.05714	-.00492	.00360	.07320	.06639	.97400
	-2.0000	-1.1760	.05825	.10308	-.11772	.05812	-.00132	.00180	.03540	.06579	.97400
	.0000	-1.1820	.05744	.10416	-.11826	.05767	.00136	.00132	.00120	.06365	.97600
	2.0000	-1.1940	.05634	.10484	-.11946	.05661	.00198	.00178	-.03240	.07160	.96800
	4.0000	-1.1766	.05256	.10488	-.11774	.05242	.00480	-.00136	-.06960	.07430	.96100
	6.0000	-1.1046	.04932	.10354	-.11052	.04918	.00264	-.00222	-.01260	.07475	.95300
	8.0000	-1.0518	.04428	.10238	-.10524	.04414	.00144	-.00432	-.05000	.07520	.94100
	10.0000	-0.9834	.03906	.10182	-.10000	.03893	.00110	-.00582	-.02960	.07556	.93300
GRADIENT			-.01155	-.00028	-.00030	-.00156	.00113	-.00144	-.01752	.00104	-.01159

(RD2363) (07 JUN 74)

Q4628 B26C9 W7F3 W16E28V85X9

PARAMETRIC DATA

ALPHA = 5.000 BOFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPEEDBRK = 85.000

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH = .260	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	CAB	XCP/L
	-10.0000	-1.1968	.05046	.09000	.14370	.03755	-.01680	.01662	.18600	.06616	.42100
	-8.0000	-1.1344	.05556	.09616	.13794	.04319	-.01205	.01344	.17750	.06582	.37500
	-6.0000	-1.2332	.06838	.10080	.13056	.04675	-.00905	.01002	.10980	.06523	.36800
	-4.0000	-1.2438	.05970	.10320	.12930	.04817	-.00522	.00566	.07260	.06461	.35800
	-2.0000	-1.2127	.05892	.10368	.12612	.04774	-.00125	.00335	.03300	.06469	.34800
	.0000	-1.2172	.05838	.10350	.12552	.04722	.00042	.00144	.00000	.06637	.34800
	2.0000	-1.2156	.05586	.10026	.12612	.04461	.00216	-.00042	-.03420	.06313	.35300
	4.0000	-1.2474	.05334	.09540	.12306	.04133	.00514	-.00276	-.07080	.07163	.35300
	6.0000	-1.2960	.04944	.09090	.11356	.03751	.00840	-.00564	-.09260	.07363	.41200
	8.0000	-1.3618	.04626	.08602	.10174	.03371	.01314	-.00336	-.14240	.07443	.42300
	10.0000	-1.4100	.04312	.08274	.09436	.03117	.01725	-.01142	-.01142	.07369	.44100
GRADIENT			-.01079	-.00134	-.00112	-.00179	.00113	-.01112	-.01112	.00132	-.01264

Q4628 B26C9 W7F8 W16E28V8R5X9

(RD2364) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0415 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 85.000

RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH = .260

BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	CAB	XCP/L
-10.000	.39354	.07782	.08304	.40110	.00462	-.01614	.02466	.01800	.06327	.57500
-8.000	.38466	.08280	.09306	.39330	.01124	-.01242	.01990	.14460	.06402	.56500
-6.000	.37530	.08634	.10056	.38478	.01620	-.00840	.01500	.10560	.05256	.55500
-4.000	.37092	.08670	.10470	.38052	.01760	-.00492	.01032	.06900	.06278	.55000
-2.000	.37074	.08640	.10494	.38028	.01731	-.00216	.00558	.03480	.06206	.55000
.000	.36984	.08514	.10320	.37920	.01625	.00012	.00162	.00000	.06353	.55100
2.000	.37158	.08286	.09894	.38046	.01367	.00234	-.00216	-.00340	.06583	.55600
4.000	.37566	.08022	.09414	.38400	.01040	.00456	-.00530	-.06900	.06716	.56100
6.000	.38154	.07710	.08916	.38922	.00617	.00738	-.01074	-.10500	.07014	.56700
8.000	.38814	.07452	.08358	.39522	.00244	.01140	-.01572	-.14400	.07076	.57400
10.000	.39606	.07122	.07884	.40242	-.00228	.01548	-.02058	-.18360	.07329	.58000
GRADIENT	.00051	-.00022	-.00135	.00035	-.00089	.00116	-.00023	-.01714	.00062	.00139

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0415 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = 85.000

(RD2365) (07 JUN 74)

RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH = .260

BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	CAB	XCP/L
-10.000	.67254	.15492	.07194	.68928	-.03477	-.01590	.02914	.18060	.06360	.61300
-8.000	.66198	.15768	.08400	.67986	-.02906	-.01146	.02346	.14160	.06335	.60600
-6.000	.65028	.15984	.09840	.66918	-.02375	-.00606	.01698	.10080	.06327	.59800
-4.000	.64692	.15852	.09816	.66564	-.02461	-.00354	.01098	.06600	.06334	.59700
-2.000	.65118	.15834	.09696	.66966	-.02548	-.00174	.00576	.03360	.06397	.59800
.000	.65676	.15718	.09498	.67470	-.02822	.00030	.00132	-.00060	.06694	.60000
2.000	.65268	.15630	.09210	.67056	-.02784	.00216	-.00264	-.00340	.06570	.60100
4.000	.66118	.15294	.08852	.67974	-.03396	.00450	-.00780	-.07020	.06919	.60500
6.000	.66300	.15222	.07998	.67932	-.03461	.00636	-.01284	-.10380	.06883	.60800
8.000	.67440	.15252	.07644	.68142	-.03754	.01002	-.01914	-.14160	.07045	.61000
10.000	.67878	.14862	.06654	.68360	-.04258	.01428	-.02496	-.18180	.07004	.61600
GRADIENT	.00168	-.00055	-.00119	.00144	-.00114	.00099	-.00027	-.01692	.00065	.00194

DATE 02 JUL 74

TABULATED SOURCE DATA - 0A628

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0A628 B26C9 W/F8 W16E28W8R5X9

(RD2366) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. WMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9339 INCHES ZMRP = 35.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.0000 BDFLAP = -12.0000
 ELEVON = .0000 AILERON = .0000
 RUDDER = .0000 SPDRK = 85.0000

RN/L = 1.42 GRADIENT INTERVAL = -6.00/ .100

MACH	BE ² A	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	CAB	XCF/L
	-1.0000	.97404	.29664	.04500	1.01538	-.07605	-.01446	.03480	.17940	.07054	.63500
	-8.100	.95586	.31155	.06234	1.00026	-.07648	-.00762	.02640	.13380	.06758	.62900
	-6.080	.93672	.31090	.07758	.98214	-.05819	-.00246	.02182	.09420	.06590	.62300
	-4.020	.91822	.31222	.07782	.96400	-.05747	.00228	.01374	.05640	.06771	.62000
	-2.040	.94764	.31678	.07638	.93444	-.05590	.00210	.00845	.02760	.06361	.62300
	-0.000	.94776	.31396	.07200	.99354	-.05547	.00510	.00306	-.00900	.07244	.62500
	2.010	.94572	.31178	.07152	.99156	-.05586	.00624	-.00168	-.04320	.07458	.62500
	4.020	.93570	.30138	.07458	.98136	-.05717	.00906	-.00726	-.08040	.07174	.62400
	6.060	.94104	.30042	.07134	.98598	-.06125	.01056	-.01320	-.11280	.07441	.62500
	8.080	.96288	.30360	.05796	1.00752	-.06639	.01434	-.02052	-.15160	.07697	.63000
	10.110	.98706	.30924	.04074	1.03206	-.06820	.02028	-.02760	-.19320	.07756	.63700
GRADIENT		-.00035	-.00023	-.00056	-.00041	-.00007	.00088	-.00259	-.00171	.00065	.00023

(022384) (07 JUN 74)

04628 B26C9 W7F8 W16E28V12R7X9

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDRK = .000
RHLRAD = 2.090

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
LEEF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 384/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.05/ 6.00

WACH	ALPHA	CL	CL4	CN	CAP	CYN	CBL	CY	XCF/L	CAB
.200	-4.150	-2.5010	.03630	-2.5200	.01812	-.00080	.00220	.00400	.71900	.03386
.200	-2.585	-1.5690	.02870	-1.5790	.02300	-.00100	.00210	.00400	.74400	.03498
.200	-1.070	-1.1130	.02680	-1.1180	.02480	-.00100	.00220	.00300	.78200	.03480
.200	-.030	-.06490	.02820	-.06800	.02619	-.00090	.00210	.00300	.87400	.03335
.200	.930	-.01630	.02460	-.01550	.02494	-.00090	.00220	.00200	1.57300	.03420
.200	2.020	.02970	.02480	.03060	.02375	-.00090	.00210	.00200	.17300	.03382
.200	4.090	.12470	.02720	.12640	.01826	-.00090	.00220	.00100	.53500	.03339
.200	6.160	.22080	.03290	.22310	.00903	-.00090	.00220	.00000	.58700	.03274
.200	8.240	.31940	.04310	.32230	-.00313	-.00080	.00210	.00000	.61900	.03416
.200	10.310	.41890	.05660	.42230	-.01929	-.00080	.00200	-.00100	.62600	.03422
.200	12.360	.51700	.07850	.52180	-.03404	-.00030	.00110	-.00200	.63300	.03603
.200	14.480	.63270	.10980	.64000	-.05196	-.00010	.00100	-.00200	.64000	.03765
.200	16.520	.74970	.15120	.76180	-.06829	-.00040	.00240	-.00300	.64500	.04042
.200	18.610	.87260	.20180	.89130	-.08752	-.00040	.00330	-.00100	.64800	.04325
.200	20.740	.98150	.26740	1.01260	-.09750	.00380	.00180	-.00300	.65200	.04829
.200	22.790	1.07490	.35620	1.12900	-.08792	.00020	.00180	-.00300	.65200	.05137
.200	24.890	1.15680	.42460	1.22810	-.10176	.00030	.00280	-.00600	.65200	.05636
.200	26.940	1.22890	.49730	1.32080	-.11354	.00140	.00350	-.01000	.64800	.06217
.200	28.980	1.28460	.56050	1.37790	-.12234	.00120	.00690	-.01200	.62900	.07672
.200	30.920	1.33030	.55320	1.25390	-.10625	-.00010	.02000	-.00900	.62900	-.02430
GRADIENT		.04552	-.00107	.04596	.00005	-.00040	-.00070	-.00039	-.02430	-.00011

04628 B26C9 W7F8 W16E28V12R7X9

(RD3385) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPEEDRK = .000
RMLRAD = 2.090

RUN NO. 385/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	-104480	.01270	.02610	-104480	.01275	-0.01110	.007600	.17500	.86670	.03759
.200	-8.050	-104880	.01670	.02340	-104880	.01575	-0.00990	.00770	.14200	.87400	.03644
.200	-6.020	-105400	.02070	.01990	-105400	.02172	-0.00760	.00560	.10600	.87600	.03510
.200	-5.980	-105900	.02320	.01590	-105900	.02325	-0.00430	.00500	.07100	.87600	.03502
.200	-4.990	-106270	.02570	.01380	-106270	.02575	-0.00280	.00350	.03600	.87600	.03360
.200	-3.000	-106280	.02570	.01370	-106280	.02575	-0.00100	.00220	.00300	.87400	.03490
.200	2.000	-106280	.02570	.01370	-106280	.02575	.00110	.00180	-0.00100	.87600	.03360
.200	4.040	-106560	.02800	.01300	-106560	.02812	.00310	-0.0040	-0.06600	.87200	.03563
.200	6.060	-106630	.01950	.01290	-106630	.01955	.00560	-0.00190	-0.10100	.87700	.03516
.200	8.050	-106510	.01510	.01290	-106510	.01513	.00820	-0.0030	-0.13700	.86500	.03751
.200	10.070	-104290	.01070	.02480	-104290	.01073	.01070	-0.00470	-0.17200	.85400	.03802
GRADIENT	-10.0016		-0.00002	.00006	-0.00016	-0.00002	.000099	-0.00067	-0.01202	-0.00031	.00007

04628 B26C9 W7F8 W16E28V12R7X9

(RD3386) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPEEDRK = .000
RMLRAD = 2.090

RUN NO. 386/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.10930	.01840	.02600	.19020	.00147	-0.01290	.01600	.17600	.80100	.03733
.200	-8.060	.10380	.02220	.02990	.18510	.00571	-0.01050	.01320	.14100	.59200	.03605
.200	-6.010	.17920	.02610	.03290	.18080	.01003	-0.00760	.01040	.09000	.58600	.03427
.200	-4.000	.17550	.02830	.03580	.17740	.01256	-0.00480	.00740	.06900	.57700	.03358
.200	-2.010	.17270	.03020	.03840	.17470	.01462	-0.00250	.00450	.03500	.57100	.03282
.200	-0.000	.17230	.02940	.03960	.17430	.01431	-0.00030	.00240	.00000	.56800	.03324
.200	2.000	.17250	.02980	.03860	.17450	.01423	.00060	.00000	-0.00100	.57000	.03344
.200	4.040	.17360	.02750	.03630	.17540	.01190	.00290	-0.00260	-0.06600	.57500	.03416
.200	6.040	.17690	.02310	.03320	.18020	.00702	.00530	-0.00540	-0.10100	.56400	.03705
.200	8.050	.18260	.02050	.02890	.18390	.00407	.00840	-0.00850	-0.13300	.54000	.03716
.200	10.060	.18630	.01600	.02460	.18990	.00199	.01180	-0.01180	-0.17500	.51400	.03967
GRADIENT	-10.0021		-0.00011	.00005	-0.00021	-0.00009	.000092	-0.00032	-0.01202	-0.00024	.00003

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TABULATED SOURCE DATA - 04628

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04628 B26C9 MTF8 W16E28V12R7X9

(RDZ387) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPD8RK = .000
 RHLRAD = 2.090

RUN NO. 387/0 RN/L 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.43230	.05090	.02460	.43450	-.02726	-.01270	.02400	.17200	.63100	.03038
.200	-8.060	.42910	.05180	.02820	.43180	-.02380	-.01090	.01970	.13800	.62800	.03643
.200	-6.020	.42410	.05600	.03160	.42720	-.02078	-.00770	.01530	.10200	.62400	.03393
.200	-4.020	.42170	.05690	.03530	.42510	-.01945	-.00520	.01080	.06800	.62100	.03299
.200	-2.010	.41710	.05780	.03710	.42090	-.01775	-.00270	.00630	.03300	.61900	.03236
.200	.000	.41660	.05730	.03750	.42010	-.01804	-.00090	.00220	.00000	.61900	.03341
.200	2.020	.41750	.05670	.03690	.42090	-.01892	.00280	-.00160	-.03200	.61900	.03377
.200	4.030	.41990	.05430	.03480	.42280	-.02171	.00290	-.00600	-.05700	.62100	.03487
.200	6.060	.42190	.05310	.03120	.42460	-.02329	.00510	-.01040	-.10000	.62500	.03571
.200	8.050	.42950	.05040	.02740	.43160	-.02734	.00790	-.01520	-.13800	.62800	.03869
.200	10.070	.43230	.04770	.02420	.43390	-.03045	.01020	-.01920	-.17300	.63100	.04048
GRADIENT	-.00017	-.00031	-.00026	-.00023	-.00028	-.00028	.00038	-.00206	-.01664	.00000	.00026

04628 B26C9 MTF8 W16E28V12R7X9

(RDZ388) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPD8RK = .000
 RHLRAD = 2.090

RUN NO. 388/0 RN/L 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.70770	.12470	.01010	.71530	-.06894	-.01350	.02780	.17200	.64600	.04075
.200	-8.040	.70180	.12600	.01580	.70990	-.06607	-.01080	.02290	.13800	.64300	.03891
.200	-6.030	.69490	.12770	.02160	.70380	-.06259	-.00840	.01760	.10200	.64000	.03545
.200	-3.980	.69090	.12790	.02600	.69990	-.06125	-.00490	.01130	.06700	.63800	.03605
.200	-2.000	.69070	.12340	.02780	.70010	-.05981	-.00230	.00560	.03300	.63700	.03621
.200	.000	.69000	.12920	.02320	.69950	-.05989	-.00030	.00100	-.00100	.63600	.03705
.200	2.000	.69130	.12870	.02800	.69960	-.06044	.00150	-.00350	-.03600	.63600	.03661
.200	4.040	.69120	.12640	.02580	.69950	-.06282	.00380	-.00890	-.07100	.63800	.03685
.200	6.040	.69070	.12610	.02130	.70690	-.06524	.00640	-.01390	-.10700	.64100	.03643
.200	8.050	.70020	.12380	.01340	.70700	-.06700	.00860	-.01940	-.14200	.64500	.04136
.200	10.070	.71030	.12270	.00830	.71730	-.07161	.01170	-.02430	-.17900	.64700	.04154
GRADIENT	.00001	-.00019	-.00012	-.00012	-.00019	-.00019	.00106	-.00243	-.01722	-.00005	.00010

04628 026C9 W7F0 W16E28V12R7K9

(RDZ389) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDSRK = .000
 RHLRAD = 2.090

RUN NO. 389/0 RNVL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-10.050	.98910	.28040	-.01560	1.02440	-.08736	-.02290	.03080	.18900	.65700	.04915
.200	-8.050	.98180	.27840	-.00770	1.01680	-.08666	-.01910	.02510	.15200	.65400	.04598
.200	-6.050	.97140	.27820	.00150	1.00710	-.08319	-.01600	.01870	.11700	.61100	.04178
.200	-4.050	.97100	.27830	.00580	1.00750	-.08332	-.01160	.01330	.07900	.65000	.04206
.200	-2.050	.97650	.28020	.00540	1.01250	-.08315	-.00680	.00740	.03900	.65000	.04367
.200	-.020	.97960	.27970	.00550	1.01530	-.08463	-.00260	.00210	.00100	.65000	.04425
.200	2.000	.97900	.27750	.00660	1.01390	-.08665	.00190	-.00300	-.03800	.64900	.04346
.200	4.010	.97600	.27030	.00890	1.00870	-.09171	.00780	-.00900	-.08100	.64800	.04242
.200	6.030	.96370	.26470	.00710	1.00070	-.09514	.01210	-.01530	-.11300	.64900	.04137
.200	8.050	.98290	.26260	-.00090	1.01230	-.10193	.01370	-.02110	-.15800	.65200	.04606
.200	10.070	.98960	.26580	-.01180	1.01970	-.10129	.01900	-.02850	-.19500	.65600	.04793
GRADIENT		.00054	-.00087	.00037	.00019	-.00101	.00236	-.00273	-.01974	-.00025	.00002

04628 B26C9 H7F8 W16E28V13R8X9

(RD2391) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDELAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDRK = .000
RHLRAD = 4.940

RUN NO. 391/0 RN/L = 1.85 GRADIENT INTERVAL = -.000/ 6.000

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-4.130	-24930	.03540	.03970	-25120	.01732	-.00100	.00240	.00400	.71000	.03551
.260	-2.060	-11570	.02810	.03940	-115840	.02240	-.00100	.00230	.00400	.74300	.03576
.260	-1.030	-11090	.02670	.03900	-111130	.02474	-.00090	.00230	.00300	.78100	.03452
.260	.000	-06490	.02490	.03920	-106490	.02496	-.00100	.00230	.00300	.87400	.03467
.260	1.010	-01750	.02410	.03960	-01710	.02450	-.00100	.00230	.00300	1.50600	.03474
.260	2.040	.02860	.02440	.03970	.02950	.02343	-.00090	.00240	.00200	.15600	.03392
.260	4.100	.12460	.02700	.03960	.12630	.01801	-.00090	.00240	.00100	.53600	.03388
.260	6.180	.21870	.03200	.03910	.22090	.00828	-.00090	.00230	.00000	.58600	.03362
.260	8.240	.31660	.04230	.03780	.31940	-.00346	-.00090	.00220	.00000	.60800	.03247
.260	10.310	.41590	.05700	.03740	.41940	-.01831	-.00100	.00240	.00000	.61900	.03375
.260	12.410	.51800	.07900	.03660	.52290	-.03411	-.00080	.00220	-.00100	.62600	.03434
.260	14.480	.63340	.10870	.03190	.64050	-.05317	-.00040	.00110	-.00200	.63300	.03752
.260	16.570	.75210	.15170	.02450	.76410	-.06911	-.00010	.00120	-.00200	.64000	.03784
.260	18.660	.87240	.20240	.01590	.89130	-.08746	-.00060	.00250	-.00200	.64500	.04066
.260	20.750	.97790	.25310	.01320	1.00630	-.10414	-.00020	.00270	-.00300	.64700	.04279
.260	22.800	1.07420	.35570	-.00100	1.12810	-.08853	-.00030	.00220	-.00200	.65200	.04913
.260	24.910	1.16460	.42560	-.00040	1.23550	-.10463	.00010	.00250	-.00500	.65200	.05325
.260	26.990	1.23200	.49870	.00090	1.32410	-.11481	.00140	.00370	-.00900	.65100	.05765
.260	28.990	1.26080	.55770	.00520	1.37310	-.12333	.00140	.00580	-.01200	.64800	.06318
.260	30.920	1.13930	.55580	.07440	1.26300	-.10877	-.00150	.01930	-.02500	.63000	.07640
GRADIENT	.04544	-.00101	-.00101	.00002	.04588	.00011	.00001	.00000	-.00037	-.02655	-.00023

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TABULATED SOURCE DATA - 04628

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04628 B26C9 M7F8 W16E28V13R8X9

(RDZ392) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = .000
 RHLRAD = 4.940

PARAMETRIC DATA

RUN NO. 392/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.030	-0.04270	.01210	.01210	-0.04270	.01218	-0.01120	.00830	.17500	.87400	.03761
.260	-8.030	-0.04880	.02960	.01650	-0.04880	.01651	-0.00990	.00780	.14100	.87500	.03595
.260	-6.010	-0.05440	.03240	.02050	-0.05440	.02059	-0.00760	.00620	.10600	.87100	.03442
.260	-4.000	-0.05970	.03590	.02310	-0.05970	.02311	-0.01490	.00520	.07000	.87300	.03484
.260	-2.000	-0.06090	.03840	.02560	-0.06090	.02561	-0.01270	.00390	.03500	.88400	.03350
.260	.000	-0.06430	.03970	.02550	-0.06430	.02559	-0.01080	.00230	.01200	.87900	.03438
.260	2.050	-0.06240	.03860	.02500	-0.06240	.02507	-0.01000	.00100	-0.03100	.87900	.03432
.260	4.030	-0.05980	.03620	.02240	-0.05980	.02247	-0.00310	-0.00020	-0.05500	.87500	.03524
.260	6.000	-0.05610	.03280	.01800	-0.05610	.01805	-0.00570	-0.00130	-0.01200	.86700	.03735
.260	8.070	-0.05080	.02930	.01340	-0.05080	.01350	-0.00440	-0.00320	-0.03500	.86400	.03878
.260	10.110	-0.04370	.02460	.01070	-0.04370	.01070	-0.01100	-0.00450	-0.07200	.85900	.03771
	GRADIENT	-0.00008	.00010	.00010	-0.00018	.00009	.00098	-0.00067	-0.01676	-0.00005	.00008

04628 B26C9 M7F8 W16E28V13R8X9

(RDZ393) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 5.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDRK = .000
 RHLRAD = 4.940

PARAMETRIC DATA

RUN NO. 393/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.030	.19030	.02590	.01760	.19110	.00049	-0.01300	.01600	.17600	.80200	.03769
.260	-8.030	.18360	.02930	.02240	.18480	.00583	-0.01060	.01340	.14100	.50300	.03546
.260	-6.000	.17810	.03250	.02560	.17970	.00951	-0.00760	.01060	.10600	.58500	.03447
.260	-4.010	.17490	.03660	.02850	.17680	.01270	-0.00470	.00730	.06800	.57500	.03324
.260	-1.990	.17130	.03820	.02910	.17320	.01362	-0.00240	.00460	.03300	.57100	.03360
.260	.010	.17120	.03940	.02990	.17320	.01451	-0.00090	.00230	.00100	.56800	.03271
.260	2.010	.17170	.03890	.02900	.17360	.01349	-0.00060	.00000	-0.03200	.56900	.03354
.260	4.020	.17450	.03670	.02670	.17620	.01100	-0.00280	-0.00250	-0.06600	.57600	.03517
.260	6.070	.17720	.03330	.02330	.17880	.00734	-0.00530	-0.00510	-0.10200	.58400	.03456
.260	8.080	.18030	.02820	.01970	.18130	.00348	-0.00840	-0.00840	-0.13700	.59300	.03306
.260	10.080	.18960	.02470	.01510	.19120	.00199	-0.01190	-0.01170	-0.17500	.60400	.03311
	GRADIENT	-0.00039	.00039	.00011	-0.00039	.00015	.00099	-0.00128	-0.01645	-0.00034	.00017

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TABULATED SOURCE DATA - OA628

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OA628 B26C9 W7F8 W16E28V13R9X9

(RDZ394) (07 JUN 74)

REFERENCE DATA

SKEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPDBRK = .000
RHLRAD = 4.940

PARAMETRIC DATA

RUN NO. 394/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.020	.43340	.05050	.02440	.43550	-.02798	-.01310	.02430	.17200	.63100	.03866
.260	-8.030	.42870	.05410	.02790	.43150	-.02363	-.01060	.01990	.13800	.62800	.03573
.260	-6.020	.42620	.05610	.03140	.42940	-.02117	-.00720	.01520	.10200	.62500	.03403
.260	-4.000	.41980	.05740	.03490	.42330	-.01879	-.00510	.01080	.06700	.62100	.03247
.260	-1.950	.41620	.05810	.03680	.41990	-.01746	-.00270	.00630	.03300	.61900	.03224
.260	.000	.41940	.05700	.03760	.42290	-.01912	-.00100	.00240	.00000	.61900	.03426
.260	2.020	.41510	.05640	.03690	.41950	-.01907	.00070	.1160	-.03300	.61900	.03365
.260	4.030	.41780	.05550	.03450	.42100	-.02018	.00260	-.00570	-.06600	.62100	.03367
.260	6.070	.42160	.05270	.03100	.42420	-.02368	.00510	-.01020	-.01000	.62500	.03514
.260	8.060	.42890	.05020	.02750	.43100	-.02744	.00800	-.01510	-.03900	.62800	.03870
.260	10.100	.43310	.04760	.02400	.43450	-.03081	.01040	-.01930	-.07300	.63100	.04043
GRADIENT	-.00021	-.00027	-.00027	-.00022	-.00025	-.00022	.00034	-.00204	-.01657	-.00000	.00019

OA628 B26C9 W7F8 W16E28V13R9X9

(RDZ395) (07 JUN 74)

REFERENCE DATA

SKEF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILERON = .000
RUDDER = .000 SPDBRK = .000
RHLRAD = 4.940

PARAMETRIC DATA

RUN NO. 395/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.040	.70880	.12510	.01010	.71650	-.06928	-.01360	.02790	.17200	.64600	.04106
.260	-8.040	.70190	.12640	.01630	.71010	-.06608	-.01100	.02280	.13700	.64300	.03863
.260	-6.030	.69390	.12790	.02130	.70280	-.06250	-.00840	.01760	.10200	.64000	.03541
.260	-4.000	.69160	.12830	.02590	.70070	-.06152	-.00510	.01150	.06700	.63800	.03583
.260	-2.000	.68910	.12370	.02790	.69840	-.06044	-.00230	.00560	.03100	.63700	.03664
.260	.000	.68750	.12880	.02820	.69690	-.05989	-.00050	.00120	-.00100	.63600	.03715
.260	2.020	.69140	.12820	.02860	.70050	-.06229	.00140	-.00340	-.03600	.63700	.03768
.260	4.040	.68820	.12710	.02570	.69770	-.06180	.00380	-.00840	-.07100	.63800	.03603
.260	6.070	.69770	.12530	.02160	.70580	-.06609	.00520	-.01320	-.10600	.64100	.03724
.260	8.070	.70420	.12450	.01320	.71180	-.06859	.00840	-.01900	-.14200	.64500	.03866
.260	10.100	.71160	.12310	.00880	.71760	-.07167	.01170	-.02420	-.18000	.64700	.04146
GRADIENT	-.00016	-.00014	-.00014	-.00011	-.00019	-.00012	.00107	-.00243	-.01706	-.00000	.00017

(RD2396) (07 JUN 74)

0A628 B26C9 M7F8 W116E28V13R8X9

PARAMETRIC DATA

ALPHA = 20.000 BDFLA = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = .000
RHLRAD = 4.940

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 3967 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.040	.98750	.28540	-.01480	1.02280	-.08679	-.02290	.03090	.18800	.65700	.04880
.260	-8.040	.98010	.27880	-.00760	1.01540	-.08574	-.01930	.07490	.15100	.65400	.04551
.260	-6.040	.97330	.27800	.00150	1.00880	-.08407	-.01600	.01880	.11700	.65100	.04218
.260	-4.010	.97150	.27850	.00570	1.00730	-.08287	-.01170	.01350	.07900	.65000	.04238
.260	-2.020	.97560	.28020	.00540	1.01170	-.08274	-.00700	.00770	.04000	.65000	.04330
.260	-.010	.98010	.28000	.00580	1.01580	-.08469	-.00300	.00240	.00100	.65000	.04416
.260	2.000	.97660	.27610	.00700	1.01110	-.08709	.00150	-.00310	-.03700	.64900	.04437
.260	4.020	.97000	.26970	.00930	1.00280	-.09752	.00780	-.00840	-.08000	.64800	.04258
.260	6.050	.96890	.26480	.00720	1.00000	-.09465	.01300	-.01420	-.12000	.64900	.04268
.260	8.040	.97830	.26250	-.00090	1.00790	-.10789	.01680	-.02070	-.16000	.65200	.04670
.260	10.070	.98490	.26520	-.01090	1.01500	-.10009	.01970	-.02820	-.19700	.65600	.04832
GRADIENT		-.00010	-.00108	.00044	-.00048	-.00098	.00237	-.00272	-.001967	-.000025	.000007

04628 B26C9 W7F8 W16E28W14R9X9

(RDZ403) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9339 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000
 RHLRAD = 6.120

RUN NO. 403 / 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.260	-4.170	-.25330	.03590	.03980	-.25520	.01746	-.00070	.00210	.00300	.70900	.03446
.260	-2.040	-.15850	.02780	.03940	-.15940	.02211	-.00060	.00210	.00200	.74300	.03499
.260	-1.060	-.11150	.02690	.03960	-.11190	.02490	-.00070	.00220	.00200	.78200	.03447
.260	-.020	-.06490	.02570	.03970	-.06490	.02570	-.00070	.00220	.00200	.87700	.03377
.260	.980	-.01770	.02480	.03970	-.01730	.02518	-.00070	.00210	.00200	1.49500	.03414
.260	2.040	.02990	.02460	.03990	.03080	.02351	-.00060	.00230	.00100	.17500	.03443
.260	4.080	.12240	.02730	.04000	.12400	.01882	-.00070	.00220	.00000	.53300	.03345
.260	6.150	.21950	.03240	.03920	.22170	.00873	-.00070	.00210	.00000	.58700	.03362
.260	8.200	.31770	.04330	.03790	.32060	-.00248	-.00070	.00210	.00000	.60800	.03225
.260	10.300	.41760	.05730	.03760	.42110	-.01822	-.00080	.00220	.00000	.61900	.03395
.260	12.360	.51790	.07910	.03660	.52280	-.03357	-.00070	.00190	.00000	.62600	.03464
.260	14.450	.63280	.11010	.03220	.64030	-.05131	-.00010	.00100	-.00200	.63300	.02659
.260	16.540	.75150	.15140	.02420	.76350	-.06879	.00010	.00100	-.00300	.64000	.03886
.260	18.620	.87390	.20320	.01660	.89310	-.08657	-.00030	.00230	-.00200	.64500	.04037
.260	20.720	.97820	.25910	.01370	1.00660	-.10373	.00000	.00240	-.00300	.64700	.04288
.260	22.790	1.07800	.35940	-.00210	1.13270	-.08716	.00000	.00200	-.00300	.65200	.04927
.260	24.890	1.16340	.42560	.00100	1.23450	-.10355	.00080	.00270	-.00800	.65200	.05330
.260	26.950	1.23570	.50000	.00190	1.32810	-.11441	.00200	.00290	-.01100	.65100	.05739
.260	28.990	1.26650	.56040	.01640	1.37940	-.12364	.00180	.00510	-.01300	.64700	.06365
.260	30.910	1.13620	.55560	.07390	1.26020	-.10704	-.00010	.00230	-.03200	.63000	.07554
.260	GRADIENT	.04568	-.00100	.00074	.04610	.00017	.00000	.00002	-.00032	-.02650	-.00013

04628 B26C9 M7F8 W16E28V14R9X9

(RDZ405) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BOFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000
 RHLRAD = 6.120

RUN NO. 404/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAR
.260	-10.030	-.04400	.01220	.02590	-.04400	.01226	-.00830	.00670	.16900	.86800	.03802
.260	-8.040	-.04910	.01710	.02490	-.04910	.01716	-.00730	.00630	.13600	.87600	.03581
.260	-6.020	-.05500	.02080	.03280	-.05510	.02079	-.00550	.00530	.10200	.87100	.03513
.260	-3.990	-.05990	.02320	.03590	-.05990	.02317	-.00330	.00400	.06700	.87200	.03507
.260	-2.010	-.06410	.02520	.03840	-.06410	.02520	-.00130	.00270	.03400	.87200	.03445
.260	.000	-.06460	.02520	.03960	-.06460	.02518	-.00070	.00210	.00200	.87100	.03490
.260	2.020	-.06530	.02520	.03850	-.06540	.02520	-.00010	.00180	-.02900	.86900	.03463
.260	4.020	-.06170	.02280	.03650	-.06170	.02285	.00170	.00040	-.06300	.87000	.03545
.260	6.080	-.05770	.01930	.03320	-.05780	.01933	.00350	-.00080	-.09900	.86300	.03644
.260	8.060	-.05110	.01470	.02940	-.05110	.01468	.00630	-.00210	-.13400	.86200	.03820
.260	10.080	-.04470	.01000	.02540	-.04470	.01001	.00850	-.00330	-.16900	.86100	.03895
GRADIENT	-.00024	-.00004	-.00006	.00006	-.00024	-.00003	.00056	-.00040	-.01611	-.00035	.00005

04628 B26C9 M7F8 W16E28V14R9X9

(RDZ405) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BOFLAP = -12.000
 ELEVEN = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000
 RHLRAD = 6.120

RUN NO. 405/ 0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.050	.19120	.01860	.02670	.19210	.00139	-.00980	.01410	.17000	.60000	.03779
.260	-8.040	.18440	.02240	.02990	.18560	.00589	-.00810	.01200	.13600	.59200	.03603
.260	-6.040	.17920	.02570	.03320	.18080	.00963	-.00540	.00910	.10100	.58400	.03498
.260	-3.990	.17530	.02860	.03640	.17720	.01285	-.00320	.00640	.06600	.57600	.03379
.260	-2.000	.17220	.02970	.03880	.17420	.01422	-.00090	.00360	.03100	.57000	.03407
.260	.000	.17080	.03010	.03950	.17280	.01475	-.00060	.00210	.00000	.56700	.03343
.260	2.010	.17110	.02900	.03900	.17300	.01359	-.00070	.00070	-.02900	.56900	.03448
.260	4.030	.17470	.02730	.03670	.17640	.01156	.00130	-.00190	-.06400	.57500	.03515
.260	6.050	.17780	.02420	.03320	.17920	.00823	.00370	-.00440	-.09900	.58300	.03603
.260	8.050	.18280	.02030	.02930	.18390	.00395	.00670	-.00760	-.13600	.59300	.03760
.260	10.080	.18860	.01570	.02540	.18920	-.00121	.00940	-.01030	-.17100	.60200	.03945
GRADIENT	-.00011	-.00017	-.00004	.00004	-.00014	-.00016	.00047	-.00097	-.01596	-.00015	.00016

QA628 B26C9 W7F8 W16E28V14R9X9

(RDZ406) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 406/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = .000
RMLRAD = 6.120

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.030	.4330	.05080	.02520	.43540	-.02753	-.01020	.02270	.16700	.63000	.03936
.260	-8.040	.42740	.05360	.02840	.43010	-.02367	-.00740	.01810	.13300	.62700	.03717
.260	-6.030	.42570	.05610	.03330	.42890	-.02087	-.00520	.01400	.09800	.62400	.03495
.260	-3.990	.42020	.05720	.03510	.42370	-.01883	-.00320	.00980	.06400	.62100	.03348
.260	-2.000	.41770	.05830	.03700	.42140	-.01729	-.00130	.00550	.03100	.61900	.03269
.260	.000	.41650	.05830	.03780	.42020	-.01702	-.00070	.00220	.00000	.61900	.03349
.260	2.020	.41640	.05700	.03700	.41990	-.01826	-.00030	-.00100	-.03100	.61900	.03405
.260	4.040	.41970	.05590	.03480	.42290	-.01999	.00120	-.00500	-.06400	.62100	.03410
.260	6.060	.42190	.05370	.03180	.42470	-.02262	.00310	-.00920	-.09800	.62400	.03625
.260	8.070	.42990	.05110	.02800	.43210	-.02854	.00570	-.01400	-.13400	.62800	.03868
.260	10.090	.43170	.04850	.02480	.43340	-.02951	.00820	-.01810	-.16900	.63100	.04028
GRADIENT	-.00011	-.00020	-.00020	-.00020	-.00015	-.00017	.00049	-.00180	-.01584	.00000	.00113

QA628 B26C9 W7F8 W16E28V14R9X9

(RDZ407) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 407/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = .000
RMLRAD = 6.120

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.260	-10.040	.70840	.12580	.01090	.71620	-.06807	-.01080	.02640	.16800	.64600	.04113
.260	-8.040	.70050	.12630	.01650	.70880	-.05553	-.00780	.02120	.13200	.64300	.03963
.260	-6.030	.69610	.12780	.02170	.70490	-.06286	-.00590	.01640	.09800	.64000	.03641
.260	-3.990	.69090	.12830	.02630	.70010	-.06187	-.00300	.01050	.06400	.63800	.03626
.260	-2.000	.68940	.12910	.02810	.69890	-.05976	-.00090	.00500	.03000	.63700	.03675
.260	.000	.68940	.12970	.02870	.69900	-.05925	.00000	.00090	-.00100	.63700	.03726
.260	2.010	.68960	.12850	.02860	.69820	-.06137	.00040	-.00280	-.03400	.63700	.03768
.260	4.020	.69060	.12700	.02640	.69940	-.06212	.00230	-.00770	-.06800	.63800	.03689
.260	6.050	.69610	.12670	.02110	.70470	-.06383	.00440	-.01290	-.10300	.64100	.03648
.260	8.120	.70360	.12500	.01990	.71140	-.06752	.00630	-.01790	-.13700	.64400	.03928
.260	10.080	.70950	.12340	.01920	.71570	-.07049	.00920	-.02320	-.17600	.64700	.04156
GRADIENT	-.00002	-.00016	-.00016	-.00003	-.00007	-.00015	.00059	-.00221	-.01638	.00000	.00111

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B26C9 W7F8 W16E28V14R9Y9

(RDZ458) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.3974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRY = .000
RHLRAD = 6.125

PARAMETRIC DATA

RUN NO. 408/0 RN/L = 1.85 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.250	-10.030	.98820	.28180	-.01530	1.02400	-.00599	-.01970	.02920	.18300	.65700	.04949
.260	-9.150	.97700	.27960	-.00790	1.01280	-.00894	-.01650	.02340	.14700	.65500	.04494
.260	-6.030	.97530	.27920	.00150	1.01100	-.00384	-.01350	.01790	.11300	.65100	.04255
.260	-3.980	.97340	.28060	.00590	1.00980	-.00193	-.00990	.01220	.07700	.64900	.04168
.260	-2.000	.97620	.28160	.00550	1.01270	-.00203	-.00840	.00670	.03800	.65000	.04279
.260	.000	.97950	.28140	.00570	1.01570	-.00336	-.00730	.00220	.00000	.65000	.04285
.260	2.020	.97820	.27840	.00680	1.01340	-.00577	-.00750	-.00270	-.03500	.64900	.04321
.260	4.020	.97360	.27330	.00910	1.00730	-.00864	.00660	-.00680	-.07800	.64800	.04274
.260	6.060	.97460	.26630	.00760	1.00500	-.00562	.01090	-.01320	-.11800	.64900	.04412
.260	8.060	.97560	.26470	-.00110	1.00710	-.00780	.01470	-.01980	-.15400	.65200	.04521
.260	10.080	.98340	.26760	-.01120	1.01450	-.00756	.01720	-.02640	-.19100	.65600	.04766
GRADIENT	.00012	-.00089	-.00039	.00039	-.02122	-.00186	.00194	-.00237	-.00193	-.00015	.00013

QM628 B26C9 W7F8 W116E20V1SR10X9

(RDZ409) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

BETA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000
RHLRAD = 6.120

PARAMETRIC DATA

RUN NO. 409/ 0 RN. = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.140	-.25420	.03590	.04030	-.25620	.01752	-.00080	.00210	.00300	.71000	.03494
.200	-2.070	-.116070	.02780	.04000	-.16160	.02204	-.00080	.00220	.00300	.74300	.03630
.200	-1.030	-.11230	.02710	.04000	-.11280	.02507	-.00090	.00210	.00300	.78200	.03468
.200	-.030	-.06790	.02420	.04000	-.06790	.02419	-.00090	.00220	.00200	.86900	.03622
.200	1.010	-.01900	.02590	.04020	-.01850	.02624	-.00080	.00220	.00200	1.44900	.03367
.200	2.050	.02840	.02410	.04030	.02930	.02314	-.00080	.00220	.00100	.14500	.03541
.200	4.110	.12170	.02700	.04030	.12330	.01828	-.00080	.00230	.00170	.53100	.03409
.200	6.180	.21670	.03350	.03950	.21900	.01002	-.00070	.00220	.00000	.58500	.03295
.200	8.230	.31420	.04240	.03830	.31700	-.00295	-.00080	.00220	.00000	.60700	.03354
.200	10.320	.41480	.05820	.03770	.41850	-.01706	-.00070	.00220	.00000	.61800	.03377
.200	12.450	.52010	.07870	.03710	.52480	-.03523	-.00060	.00190	.00000	.62600	.03613
.200	14.460	.62850	.11030	.03280	.63620	-.05020	-.00020	.00100	-.00200	.63300	.03652
.200	16.550	.75220	.15120	.02530	.76410	-.06934	.00010	.00090	-.00300	.63900	.03998
.200	18.650	.87140	.20250	.01690	.89050	-.08677	-.00030	.00220	-.00200	.64500	.04109
.200	20.740	.97670	.25840	.01410	1.00490	-.10430	.00020	.00240	-.00300	.64600	.04386
.200	22.810	1.07590	.33780	-.00100	1.13050	-.08735	.00010	.00220	-.00400	.65200	.05049
.200	24.900	1.15700	.42450	-.00080	1.22820	-.10223	.00080	.00270	-.00800	.65200	.05259
.200	26.960	1.23150	.49830	.00220	1.32360	-.11432	.00210	.00290	-.01200	.65100	.05797
.200	29.010	1.26080	.55790	.01710	1.37320	-.12351	.00200	.00600	-.01400	.64700	.06404
.200	30.930	1.12740	.55360	.07690	1.25160	-.10467	-.00070	.02000	-.02900	.62900	.07523
GRADIENT	.04564	-.00102	-.00002	.00002	.04607	.00015	.00000	.00002	-.00030	-.02895	-.00014

DATE 02 JUL 74

TABULATED SOURCE DATA - 04628

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04628 B26C9 M7F8 W16E28V15R10X9

(R02410) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5774 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000
RHLRAD = 6.120

PARAMETRIC DATA

RUN NO. 410 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

MACH	BETA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	-.04640	.01220	.02700	-.04640	.01226	-.00750	.00620	.16900	.86500	.03838
.200	-8.070	-.05150	.01680	.03040	-.05150	.01684	-.00670	.00600	.13600	.86900	.03668
.200	-6.030	-.05720	.02040	.03330	-.05720	.02011	-.00510	.00510	.10400	.86600	.03616
.200	-4.010	-.06340	.02240	.03660	-.06330	.02248	-.00410	.00410	.06800	.86400	.03531
.200	-2.020	-.06620	.02430	.03880	-.06620	.02443	-.00330	.00280	.03400	.86700	.03512
.200	-.020	-.06740	.02560	.04030	-.06740	.02566	-.00270	.00220	.00300	.87200	.03523
.200	1.990	-.06560	.02530	.03940	-.06560	.02538	-.00210	.00190	-.02800	.87300	.03482
.200	4.000	-.06300	.02240	.03710	-.06300	.02243	-.00160	.00070	-.06200	.86800	.03628
.200	6.030	-.05880	.01910	.03370	-.05880	.01917	.00350	-.00060	-.09700	.86300	.03711
.200	8.050	-.05280	.01460	.03010	-.05280	.01465	.00590	-.00180	-.13200	.86100	.03841
.200	10.040	-.04720	.01050	.02590	-.04720	.01052	.00810	-.00300	-.16700	.85400	.03881
GRADIENT	.00007	.00005	.00008	.00006	.00008	.00004	.00052	-.00038	-.01608	.00070	.00004

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000
RHLRAD = 6.120

PARAMETRIC DATA

RUN NO. 411 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

MACH	BETA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.18800	.01920	.02730	.18900	.00229	-.00940	.01390	.17000	.59800	.03720
.200	-8.060	.18190	.02300	.03070	.18330	.00654	-.00770	.01180	.13600	.59000	.03558
.200	-6.040	.17840	.02650	.03390	.18010	.01035	-.00530	.00940	.10100	.58200	.03455
.200	-4.000	.17550	.02850	.03680	.17730	.01261	-.00320	.00640	.06700	.57500	.03453
.200	-2.030	.17190	.03030	.03870	.17390	.01475	-.00100	.00370	.03200	.57000	.03358
.200	-.020	.17070	.03040	.03990	.17270	.01497	-.00070	.00210	.00200	.56700	.03364
.200	2.000	.17010	.02860	.03930	.17200	.01309	-.00050	.00120	-.02800	.56700	.03479
.200	4.000	.17340	.02740	.03710	.17520	.01172	.00150	-.00180	-.06300	.57400	.03522
.200	6.040	.17570	.02410	.03370	.17710	.00823	.00370	-.00440	-.09800	.58200	.03657
.200	8.040	.18040	.02030	.02970	.18150	.00407	.00650	-.00730	-.13400	.59100	.03798
.200	10.060	.18750	.01600	.02600	.18820	-.00091	.00940	-.01110	-.17000	.61100	.03935
GRADIENT	-.00030	-.00020	-.00026	.00006	-.00030	-.00017	.00049	-.00096	-.01590	-.00025	.00013

04628 826C9 MTF8 WA16E28V15R10X9

(RDZ412) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000
 RHLRAD = 6.120

RUN NO. 412/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.000	.43260	.05160	.02610	.43490	-.02683	-.00980	.02250	.16700	.63000	.03881
.200	-6.060	.42850	.05370	.02890	.43090	-.02401	-.00740	.01800	.13400	.62700	.03735
.200	-4.040	.42350	.05570	.03240	.42660	-.02112	-.00500	.01390	.09800	.62400	.03543
.200	-4.020	.41860	.05800	.03560	.42230	-.01803	-.00340	.00990	.06500	.62100	.03266
.200	-2.020	.41750	.05850	.03780	.42120	-.01728	-.00140	.00560	.03200	.61900	.03347
.200	-0.010	.41350	.05760	.03790	.41910	-.01811	-.00070	.00220	.00000	.61800	.03433
.200	1.990	.41630	.05760	.03740	.41990	-.01799	-.00080	-.00080	.00000	.61900	.03408
.200	4.010	.41740	.05560	.03520	.42060	-.02016	.00150	-.00520	-.06300	.62100	.03473
.200	6.030	.42040	.05350	.03190	.42320	-.02278	.00330	-.00930	-.09700	.62400	.03635
.200	8.040	.42750	.05120	.02850	.42980	-.02633	.00570	-.01380	-.13300	.62700	.03857
.200	10.040	.43180	.04840	.02490	.43350	-.02984	.00840	-.01820	-.17000	.63000	.04078
GRADIENT	-.00018	-.00028	-.00028	-.00026	-.00023	-.00025	.00054	-.00182	-.01579	.00020	.00024

04628 826C9 MTF8 WA16E28V15R10X9

(RDZ413) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000
 RHLRAD = 6.120

RUN NO. 413/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.70380	.12490	.01120	.71150	-.06785	-.01010	.02620	.16700	.64600	.04156
.200	-6.060	.69950	.12570	.01710	.70770	-.06590	-.00740	.02100	.13200	.64300	.04019
.200	-4.050	.69200	.12760	.02240	.70090	-.06216	-.00560	.01610	.09800	.64000	.03619
.200	-4.020	.68920	.12790	.02650	.69830	-.06112	-.00300	.01030	.06400	.63800	.03709
.200	-2.030	.68700	.12920	.02850	.69650	-.05926	-.00070	.00470	.03000	.63700	.03706
.200	-0.030	.68720	.12890	.02950	.69660	-.05929	-.00010	.00190	.00200	.63600	.03838
.200	1.980	.68680	.12840	.02930	.69620	-.05936	.00020	-.00270	-.03400	.63600	.03787
.200	4.010	.68770	.12650	.02660	.69640	-.06197	.00210	-.00770	-.06800	.63800	.03751
.200	6.020	.69560	.12560	.02390	.70410	-.06520	.00440	-.01300	-.10200	.64100	.03789
.200	8.030	.70150	.12420	.02140	.71320	-.06790	.00620	-.01800	-.13700	.64500	.03985
.200	10.030	.70900	.12300	.00970	.71610	-.07108	.00970	-.02310	-.17600	.64700	.04232
GRADIENT	-.00016	-.00018	-.00018	.00005	-.00020	-.00002	.00045	-.00216	-.01634	.00005	.00018

04628 B26C9 M7F8 W116E28V15R10D9

(RD2414) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SJ.FT. DMWP = 43.5974 INCHES
 LREF = 19.2299 INCHES TMWP = .0000 INCHES
 BREF = 37.9359 INCHES ZMWP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BOFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000
 RMLEAD = 6.120

RUN NO. 414/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.98810	.28360	-.01440	1.02450	-.08473	-.01910	.02840	.18200	.65700	.04970
.200	-8.060	.98240	.28110	-.00730	1.01820	-.08517	-.01560	.02350	.14600	.65400	.04641
.200	-6.020	.97260	.28010	-.00190	1.02080	-.08244	-.01260	.01780	.11000	.65100	.04239
.200	-4.000	.97280	.28060	.00620	1.02910	-.08291	-.00960	.01200	.07500	.64900	.04279
.200	-2.010	.97810	.28200	.00580	1.01460	-.08278	-.00530	.00570	.03700	.65000	.04431
.200	-.010	.98040	.28190	.00620	1.01670	-.08367	-.00270	.00180	.00100	.64900	.04507
.200	2.010	.97910	.27910	.00740	1.01440	-.08584	.00040	-.00240	-.03570	.64900	.04432
.200	4.040	.97410	.27340	.01030	1.00780	-.08375	.00640	-.00700	-.07800	.64800	.04377
.200	6.050	.96920	.26730	.00770	1.00100	-.09318	.01000	-.01300	-.11500	.64900	.04287
.200	8.060	.97600	.26570	-.00330	1.00760	-.09750	.01400	-.01560	-.15300	.65200	.04579
.200	10.070	.98970	.26830	-.01050	1.02050	-.09970	.01720	-.02670	-.19300	.65500	.04970
GRADIENT	.00017	-.00046	.00049	-.00014	-.00014	-.00080	.00188	-.00234	-.01881	-.00015	.00010

04628 B26C9 M7F8 W416E28V16R5X9

(022429) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. YREF = 43.5974 INCHES
 LREF = 19.2299 INCHES YREF = .0000 INCHES
 BREF = 37.9359 INCHES ZREF = 15.1873 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .0005 RCFLAP = -12.000
 ELEVON = .0005 AILRON = .0000
 RUDDER = .0005 SPDBRK = .0000

RUN NO. 429/0 RNL = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CD	CLM	CN	CAF	CYN	CBL	CY	KCP/L	CAB
.200	-4.160	-2.4980	.03690	.03990	-25180	.01868	-.00140	.00210	.00500	.71000	.03438
.200	-2.080	-1.5890	.02820	.03950	-15980	.02342	-.00140	.00210	.00400	.74376	.03478
.200	-1.1180	-1.1180	.02760	.03950	-11230	.02559	-.00150	.00210	.00500	.78100	.03365
.200	-0.330	-0.6530	.02330	.03950	-06530	.02526	-.00160	.00210	.00500	.87900	.03484
.200	1.070	-0.1790	.02530	.03960	-01740	.02561	-.00140	.00200	.00400	1.48700	.03366
.200	2.030	.0290	.02460	.03960	.03040	.02355	-.00150	.00210	.00400	.17200	.03447
.200	4.100	.12140	.02770	.04110	.02310	.01901	-.00140	.00210	.00200	.53200	.03266
.200	6.150	.21790	.03170	.03950	.02700	.01815	-.00140	.00210	.00210	.58600	.03378
.200	8.200	.31380	.04470	.03800	.03660	.00353	-.00150	.00200	.00200	.60700	.03269
.200	10.320	.41520	.05600	.03800	.03600	-.01924	-.00150	.00210	.00210	.61800	.03429
.200	12.350	.51520	.07310	.03720	.02000	-.03359	-.00130	.00170	.00170	.62500	.03417
.200	14.450	.62610	.10590	.03270	.03540	-.05130	-.00070	.00080	.00080	.63300	.03511
.200	16.550	.74980	.15110	.02520	.06160	-.06870	-.00050	.00050	.00050	.63900	.03763
.200	18.620	.86900	.21150	.01810	.03770	-.08720	-.00070	.00020	.00020	.64400	.04011
.200	20.720	.97640	.25740	.01410	.02740	-.10745	-.00040	.00020	.00020	.64700	.04269
.200	22.750	1.07300	.35510	-.00110	.112680	-.133615	.00000	.00020	.00000	.65200	.04524
.200	24.870	1.15320	.42240	.00730	.122350	-.157400	.00150	.00030	.00030	.65100	.04777
.200	26.970	1.22600	.43590	.01360	.131760	-.184170	.00130	.00000	.00000	.65100	.04935
.200	28.970	1.25970	.55740	.01610	.137210	-.222510	.00070	.00000	.00000	.64700	.05116
.200	30.970	1.34170	.55540	.03710	.126450	-.319890	.00020	.00000	.00000	.63100	.04746
.200	GRADIENT	.04514	-.00112	.00703	.04559	.00704	-.00000	.00000	-.00000	-.02634	-.03717

0462E B26C9 M7F8 W116E28V16R5X9

0462E B26C9 M7F8 W116E28V16R5X9

0462E B26C9 M7F8 W116E28V16R5X9

PARAMETRIC DATA

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = .000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = .000

RUN NO. 430/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	-.04480	.01220	.02470	-.04400	.01220	-.01150	.00790	.17600	.85900	.03775
.200	-8.060	-.04930	.01650	.02830	-.04930	.01645	-.01030	.00780	.14300	.86300	.03597
.200	-6.040	-.05550	.02160	.03190	-.05550	.02061	-.00820	.00650	.10900	.86300	.03465
.200	-4.030	-.05960	.02350	.03540	-.05960	.02345	-.00560	.00500	.07300	.87000	.03442
.200	-2.000	-.06330	.02550	.03820	-.06330	.02553	-.00330	.00350	.03800	.87400	.03439
.200	-.010	-.06590	.02580	.03950	-.06590	.02580	-.00140	.00230	.00500	.87200	.03481
.200	2.010	-.06520	.02570	.03870	-.06520	.02565	.00050	.00100	-.02800	.87000	.03474
.200	4.010	-.06230	.02320	.03650	-.06230	.02322	.00270	-.00030	-.06300	.86700	.03528
.200	6.040	-.05760	.01930	.03300	-.05760	.01926	.00510	-.00190	-.03800	.86200	.03668
.200	8.060	-.05240	.01600	.02930	-.05240	.01600	.00780	-.00330	-.03500	.85200	.03668
.200	10.070	-.04570	.01050	.02490	-.04570	.01155	.01020	-.00480	-.03000	.85200	.03838
GRADIENT	-.00006	-.00002	-.00002	.00013	-.00036	-.00022	.00102	-.00065	-.01682	-.00050	.00030

0462E B26C9 M7F8 W116E28V16R5X9

0462E B26C9 M7F8 W116E28V16R5X9

0462E B26C9 M7F8 W116E28V16R5X9

PARAMETRIC DATA

REFERENCE DATA

SREF = 4.4119 SQ.FT. XREF = 43.5974 INCHES
LREF = 19.2299 INCHES YREF = .0000 INCHES
BREF = 37.9359 INCHES ZREF = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 5.000 BOFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPOBRK = .000

RUN NO. 431/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.10970	.01740	.02520	.19050	.00049	-.01350	.01570	.17700	.60300	.03713
.200	-8.060	.10380	.02210	.02900	.18510	.00562	-.01100	.01310	.14200	.59300	.03531
.200	-6.040	.17750	.02500	.03220	.17900	.00914	-.00800	.01030	.10600	.58500	.03491
.200	-4.000	.17400	.02800	.03560	.17590	.01245	-.00540	.00740	.07100	.57700	.03347
.200	-2.000	.17080	.02940	.03830	.17270	.01411	-.00300	.00440	.03600	.57000	.03338
.200	-.010	.16920	.03010	.03970	.17120	.01434	-.00140	.00210	.00300	.56600	.03266
.200	2.010	.16930	.02930	.03890	.17120	.01414	.00030	.00000	-.00000	.56800	.03384
.200	4.030	.17060	.02810	.03620	.17240	.01284	.00220	-.00260	-.06400	.57400	.03375
.200	6.060	.17410	.02460	.03310	.17560	.00934	.00460	-.00040	-.00900	.58200	.03370
.200	8.060	.17510	.02050	.02930	.18020	.00446	.00770	-.00830	-.03500	.59200	.03372
.200	10.070	.18660	.01470	.02530	.18720	-.00212	.01090	-.01170	-.03000	.60200	.03354
GRADIENT	-.00041	-.00000	-.00000	.00009	-.00042	.00004	.00092	.00122	-.01674	-.00039	.00005

(07432) (07 JUN 74)

C. 528 B26C9 7F8 W16E28V16R5X9

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = .000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 432/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CPL	CY	XCP/L	CAB
.200	-10.060	.43250	.04970	.02400	.43440	-.02850	-.01380	.02400	.17500	.63100	.03801
.200	-8.060	.42710	.05270	.02730	.42960	-.02451	-.01160	.01980	.14100	.62800	.03616
.200	-6.050	.42240	.05490	.03130	.42540	-.02146	-.00860	.01540	.10500	.62500	.03432
.200	-4.020	.41790	.05680	.03510	.42140	-.01881	-.00570	.01060	.07000	.62100	.03243
.200	-2.020	.41520	.05690	.03730	.41870	-.01821	-.00330	.00630	.03500	.61900	.03310
.200	-.010	.41530	.05650	.03820	.41870	-.01890	-.00150	.00220	.00200	.61800	.03344
.200	2.010	.41530	.05640	.03720	-.1870	-.01877	.00040	-.00100	-.03100	.61900	.03339
.200	4.020	.41700	.05450	.03430	.42010	-.02089	.00230	-.00620	-.06400	.62100	.03442
.200	6.040	.42050	.05180	.03120	.42300	-.02417	.00480	-.01050	-.09900	.62400	.03676
.200	8.050	.42520	.05050	.02760	.42740	-.02636	.00750	-.01510	-.13600	.62800	.03751
.200	10.070	.42970	.04740	.02410	.43130	-.03023	.01040	-.01950	-.17200	.63100	.03951
GRADIENT	-.00008	-.00025	-.00003	-.00013	-.00013	-.00023	.00098	-.00207	-.01661	.00000	.00021

(07433) (07 JUN 74)

04628 B26C9 7F8 W16E28V16R5X9

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPD8RK = .000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

RUN NO. 433/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.070	.70620	.12350	.01040	.71360	-.06972	-.01420	.02770	.17500	.64600	.04060
.200	-8.060	.70010	.12410	.01610	.70780	-.06753	-.01130	.02260	.13900	.64300	.03897
.200	-6.040	.69340	.12600	.02200	.70190	-.06383	-.00910	.01730	.10400	.64000	.03646
.200	-4.020	.69070	.12760	.02620	.69970	-.06162	-.00560	.01110	.06800	.63800	.03583
.200	-2.030	.68720	.12820	.02850	.69650	-.06010	-.00280	.00540	.03400	.63700	.03636
.200	.000	.68620	.12840	.02900	.69550	-.05968	-.00080	.00080	.00000	.63600	.03700
.200	2.020	.68530	.12760	.02920	.69450	-.06009	.00120	-.00376	-.03400	.63600	.03651
.200	4.040	.68720	.12580	.02680	.69580	-.06237	.00350	-.00890	-.06900	.63700	.03654
.200	6.050	.69350	.12550	.02190	.70180	-.06440	.00590	-.01410	-.10500	.64100	.03590
.200	8.060	.70020	.12340	.01420	.70770	-.06818	.00800	-.01950	-.13900	.64400	.03847
.200	10.070	.70810	.12110	.00940	.71470	-.07257	.01170	-.02476	-.17900	.64700	.04211
GRADIENT	-.00044	-.00021	-.00009	-.00049	-.00049	-.00008	.00110	-.00244	-.01701	-.00045	.00008

04828 B26C9 M7F8 W116228V16R5X9

(R02434) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

ALPHA = 20.000 BOFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDBRK = .000

PARAMETRIC DATA

RUN NO. 434/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.98810	.27920	-.01490	1.02300	-.08856	-.02410	-.03180	.19100	.65700	.04775
.200	-8.060	.97820	.27770	-.00700	1.01320	-.08643	-.01980	.02580	.15200	.65400	.04456
.200	-6.030	.97050	.27700	.00230	1.00370	-.08437	-.01680	.01950	.11800	.65100	.04122
.200	-4.010	.97040	.27770	.00740	1.00590	-.08372	-.01250	.01320	.08100	.64900	.04141
.200	-2.000	.97680	.27930	.00670	1.01240	-.08451	-.00780	.00700	.04200	.64900	.04398
.200	.000	.97890	.27920	.00670	1.01430	-.08528	-.00310	.00180	.00200	.64900	.04388
.200	1.990	.97710	.27930	.00750	1.01270	-.08440	.00230	-.01260	-.03800	.64900	.04343
.200	4.020	.96920	.27090	.00960	1.00240	-.08952	.00900	-.00830	-.03000	.64800	.04254
.200	6.060	.97070	.26550	.00750	1.00180	-.09524	.01260	-.01450	-.01200	.64900	.04285
.200	8.040	.97530	.26310	-.00100	1.00530	-.09898	.01630	-.02090	-.01700	.65200	.04518
.200	10.070	.98710	.26810	-.01110	1.01740	-.10061	.01920	-.02200	-.01900	.65600	.04904
.200	GRADIENT	-.00011	-.00068	.00026	-.00034	-.00059	.00255	-.00262	-.00205	-.00810	.00109

OM62B 826C9 W7F8 W16E28V17R5X9

(502436) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.0299 INCHES YMRP = .0005 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BOFLAP = -12.000
ELEVON = .000 AIRLON = .000
RUDDER = .000 SPOSRK = .000

RUN NO. 436/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WCH	ALPHA	CL	CDF	CLW	CN	CAF	CYN	CBL	CY	XCF/L	CAB
.200	-4.180	-25070	.03520	.03700	-25270	.01688	-.00110	.00200	.00500	.70610	.03282
.200	-2.090	-11930	.02790	.03680	-115720	.02218	-.00120	.00190	.00400	.77800	.03359
.200	-1.060	-10930	.02670	.03670	-109880	.02470	-.00120	.00200	.00400	.77500	.03217
.200	-.040	-10520	.02490	.03670	-106320	.02490	-.00110	.00200	.00200	.86500	.03261
.200	.980	-01700	.02490	.03670	-101650	.02518	-.00120	.00200	.00400	1.46500	.03172
.200	2.020	.03290	.02430	.03690	.03370	.02313	-.00120	.00200	.00300	.84300	.03053
.200	4.080	.12160	.02740	.03730	.12530	.01853	-.00130	.00210	.00300	.84200	.03182
.200	6.160	.22280	.03250	.03660	.22300	.01641	-.00130	.00210	.00300	.83200	.03107
.200	8.200	.31620	.04220	.03550	.32160	.01333	-.00120	.00200	.00300	.61100	.03168
.200	10.240	.41300	.05840	.03550	.42240	-.01193	-.00140	.00210	.00300	.62100	.03027
.200	12.350	.50180	.07840	.03450	.52560	-.03487	-.00130	.00200	.00300	.62700	.03200
.200	14.440	.63470	.11900	.03110	.64180	-.05276	-.00070	.00200	.00300	.63400	.03103
.200	16.530	.75420	.15160	.02230	.76990	-.07118	-.00150	.00200	.00300	.64100	.03014
.200	18.620	.87280	.20100	.01490	.89150	-.10377	-.00370	.00200	.00300	.64500	.03329
.200	20.730	.99160	.25820	.01190	1.01790	-.14054	-.00520	.00240	.00300	.64700	.04187
.200	22.780	1.07920	.35320	-.01400	1.13370	-.08757	-.00520	.00200	.00300	.64700	.04266
.200	24.870	1.16440	.40540	-.01170	1.23870	-.11790	-.00570	.00200	.00300	.64700	.04186
.200	26.940	1.25690	.51120	-.01170	1.33930	-.14469	.00430	.00200	.00300	.65000	.04181
.200	29.030	1.36660	.66200	-.01410	1.43400	-.16219	.00400	.00200	.00300	.64900	.04187
.200	30.920	1.47130	.85550	.07670	1.52510	-.17453	-.00330	.00200	.00300	.65000	.04180
.200	32.840	1.57440	1.09090	.07113	1.61020	-.18001	-.00300	.00200	.00300	.65000	.04180
.200	34.780	1.67440	1.36730	.07113	1.69090	-.18001	-.00300	.00200	.00300	.65000	.04180

GRADIENT

04628 B26C9 MTF8 W16E28V17R5X9

(R0Z437) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = .000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 437/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	-.03540	.00570	.01420	-.03540	.00571	-.01170	.00840	.17000	.80000	.03683
.200	-8.050	-.04460	.01190	.02040	-.04460	.01190	-.00980	.00730	.14200	.82000	.03544
.200	-6.060	-.05130	.01750	.02680	-.05130	.01747	-.00780	.00610	.10800	.84400	.03430
.200	-4.010	-.05720	.02250	.03180	-.05730	.02248	-.00580	.00490	.07300	.85600	.03204
.200	-2.020	-.06130	.02520	.03530	-.06130	.02516	-.00360	.00350	.03900	.86400	.03152
.200	.000	-.06280	.02530	.03680	-.06290	.02533	-.00100	.00200	.00300	.86700	.03209
.200	2.000	-.06310	.02440	.03600	-.06310	.02435	.00130	.00050	-.03200	.86200	.03274
.200	4.020	-.05880	.02170	.03300	-.05880	.02172	.00350	-.00070	-.06600	.85800	.03410
.200	6.030	-.05370	.01720	.02860	-.05380	.01719	.00540	-.00180	-.10000	.84800	.03527
.200	8.060	-.04710	.01220	.02300	-.04710	.01221	.00650	-.00240	-.13300	.83100	.03648
.200	10.070	-.03930	.00520	.01620	-.03940	.00517	.00810	-.00330	-.16600	.80400	.03844
GRADIENT	-.00025	-.00012	-.00015	.00015	-.00024	-.00012	.00117	-.00071	-.01738	.00010	.00027

04628 B26C9 MTF8 W16E28V17R5X9

(R0Z438) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 5.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

RUN NO. 438/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.040	.19960	.01370	.01490	.20000	-.00419	-.01230	.01530	.17400	.62400	.03587
.200	-8.050	.19180	.01870	.02140	.19270	-.00155	-.00970	.01230	.14000	.61100	.03473
.200	-6.030	.18480	.02340	.02770	.18620	.00685	-.00720	.00950	.10300	.59700	.03398
.200	-4.000	.17980	.02770	.03230	.18160	.01159	-.00550	.00710	.07100	.58600	.03193
.200	-2.010	.17430	.03000	.03560	.17630	.01434	-.00330	.00460	.03600	.57700	.03111
.200	.000	.17490	.03020	.03700	.17690	.01446	-.00110	.00200	.00100	.57500	.03073
.200	2.000	.17420	.02810	.03670	.17600	.01249	.00090	-.00030	-.03200	.57500	.03336
.200	4.030	.17660	.02710	.03360	.17830	.00290	.00290	-.00290	-.06600	.58200	.03314
.200	6.060	.18100	.02210	.02940	.18230	.00585	.00460	-.00500	-.10000	.59200	.03625
.200	8.050	.18720	.01880	.02320	.18820	.00205	.00670	-.00750	-.13300	.60600	.03558
.200	10.080	.19440	.01320	.01640	.19480	-.00422	.00890	-.01020	-.16700	.62100	.03698
GRADIENT	-.00032	-.00016	-.00018	.00018	-.00034	-.00012	.00105	-.00124	-.01704	-.00049	.00023

OA628 B26C9 MTF8 W16E28V17R5X9

(RDZ439) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDGRK = .000

RUN NO. 439/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.44170	.04580	.01520	.44280	-.03416	-.01030	.02190	.16700	.63900	.03876
.200	-8.050	.43470	.05200	.02070	.43700	-.02652	-.00790	.01750	.13400	.63400	.03559
.200	-6.040	.42770	.05480	.02670	.43060	-.02278	-.00610	.01350	.10000	.62900	.03356
.200	-4.010	.42210	.05710	.03130	.42550	-.01911	-.00550	.01040	.06900	.62500	.03043
.200	-2.010	.41970	.05770	.03450	.42330	-.01813	-.00370	.00630	.03600	.62000	.03049
.200	-.010	.41950	.05690	.03550	.42300	-.01895	-.00130	.00220	.00100	.62100	.03199
.200	2.000	.41820	.05680	.03430	.42160	-.01876	.00080	-.00210	-.03200	.62000	.03154
.200	4.020	.41890	.05540	.03190	.42210	-.02123	.00240	-.01050	-.06500	.62400	.03255
.200	6.050	.42370	.05290	.02760	.42630	-.02361	.00390	-.00840	-.09800	.63000	.03398
.200	8.050	.43090	.04920	.02230	.43280	-.02849	.00470	-.01170	-.12000	.63200	.03716
.200	10.070	.43610	.04460	.01640	.43700	-.03337	.00590	-.01710	-.15200	.63800	.04044
GRADIENT	-.00039	-.00032	-.00021	.00005	-.00042	-.00014	.00102	-.00194	-.01674	-.01110	.00126

OA628 B26C9 MTF8 W16E28V17R5X9

(RDZ440) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000
 ELEVON = .000 AILRON = .000
 RUDDER = .000 SPDGRK = .000

RUN NO. 440/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CEL	CY	XCP/L	CAB
.200	-10.050	.71420	.12200	.07210	.72090	-.07337	-.01040	.02540	.16600	.65100	.04010
.200	-8.050	.70700	.12340	.06880	.71430	-.07004	-.00820	.02150	.13300	.64700	.03767
.200	-6.040	.69970	.12510	.06150	.70790	-.06556	-.00761	.01610	.10300	.64400	.03425
.200	-4.010	.69560	.12750	.05200	.70440	-.06301	-.00630	.01060	.06800	.64000	.03443
.200	-2.020	.69300	.12880	.04290	.70310	-.06123	-.00420	.00540	.03400	.63900	.03497
.200	.000	.69210	.12920	.03640	.70150	-.05945	-.00160	.00090	.00010	.63800	.03527
.200	2.010	.69130	.12840	.02610	.70090	-.06134	.00160	-.00240	-.03800	.63800	.03561
.200	4.020	.69760	.12670	.01320	.70610	-.06423	.00370	-.00890	-.07100	.64100	.03569
.200	6.050	.70200	.12420	.00150	.70920	-.06733	.00580	-.01370	-.10600	.64300	.03569
.200	8.050	.71500	.12200	.00000	.71310	-.07118	.00820	-.01740	-.13400	.64700	.03371
.200	10.070	.73100	.12000	.00000	.71920	-.07495	.00610	-.02150	-.16500	.65100	.04121
GRADIENT	-.00011	-.00010	-.00011	.00018	.00006	-.00013	.00108	-.00241	-.01732	-.00905	.00115

04628 82609 W7F8 W16E28V17R5X9

(R02441) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2299 INCHES YMRP = .0000 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

ALPHA = 20.000 BDFLAP = -12.000
ELEVON = .000 AILRON = .000
RUDDER = .000 SPDBRK = .000

PARAMETRIC DATA

RUN NO. 441/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.060	.99660	.27810	-.02430	1.03060	-.09229	-.01990	.02930	.18400	.66000	.04739
.200	-8.060	.98630	.27740	-.01590	1.02070	-.08924	-.01710	.02360	.14800	.65700	.04327
.200	-6.050	.97890	.27790	-.00470	1.01390	-.08616	-.01520	.01830	.11700	.65300	.04000
.200	-4.020	.97580	.27940	.00190	1.01160	-.08381	-.01150	.01240	.07900	.65100	.03910
.200	-1.970	.98120	.28230	.00310	1.01760	-.08294	-.00750	.00660	.04200	.65100	.04140
.200	-.020	.98370	.28150	.00370	1.01970	-.08451	-.00300	.00180	.00300	.65000	.04158
.200	2.000	.97790	.28010	.00350	1.01380	-.08377	.00310	-.00190	-.03900	.65000	.04208
.200	4.010	.97320	.27350	.00490	1.00710	-.08811	.00780	-.00760	-.08000	.65000	.03963
.200	6.040	.97550	.26610	.00200	1.00650	-.08596	.01230	-.01340	-.12000	.65100	.04126
.200	8.050	.98530	.26350	-.00900	1.01490	-.10195	.01380	-.01870	-.15200	.65500	.04484
.200	10.060	.99970	.26340	-.01940	1.02830	-.10493	.01460	-.02570	-.18500	.65900	.04918
	GRADIENT	-.00042	-.00070	.00032	-.00064	-.00047	.00246	-.00242	-.01992	-.00015	.00009

TABULATED SOURCE DATA - Q4628

Q4628 B26C9 F8 X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. YMRP = 43.5974 INCHES
 CREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES YMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = .000 BDFLAP = -12.000

RUN NO. 443 / 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00 / 6.00

WACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-4.060	-.05260	.01630	-.00340	-.05360	.01258	-.00010	.00000	.00100	.62800	.02073
.200	-2.040	-.04070	.01360	.00500	-.04120	.01215	-.00010	.00000	.00100	.69700	.02071
.200	-1.030	-.03390	.01360	.01000	-.03420	.01304	-.00030	.00000	.00100	.76100	.01940
.200	-.020	-.02780	.01310	.01450	-.02730	.01315	-.00030	.00000	.00100	.84400	.01904
.200	.980	-.02100	.01180	.01880	-.02080	.01224	-.00030	.00000	.00100	.98400	.02094
.200	1.980	-.01590	.01210	.02370	-.01550	.01266	-.00020	.00000	.00100	1.21300	.02168
.200	3.990	-.00410	.01090	.03320	-.00340	.01117	-.00030	.00000	.00100	4.23900	.02211
.200	6.020	.00740	.01230	.04340	.00860	.01153	-.00040	.00000	.00100	-1.19000	.02167
.200	8.020	.02150	.01250	.05280	.02310	.00939	-.00150	.00000	.00100	-1.18000	.02356
.200	10.020	.03670	.01560	.05970	.03890	.00901	-.00040	.00000	.00100	.08510	.02470
.200	12.050	.05390	.01890	.06670	.05660	.00723	-.00020	.00000	.00100	.21100	.02735
.200	14.090	.07110	.02330	.07640	.07490	.00680	-.00040	.00000	.00100	.27700	.02841
.200	16.090	.09120	.02910	.08310	.09570	.00273	-.00020	.00000	.00100	.33100	.03099
.200	18.120	.11250	.03600	.08960	.11870	.00120	-.00010	.00000	.00100	.37400	.03217
.200	20.140	.13340	.04540	.09620	.14120	.00023	-.00010	.00000	.00100	.40200	.03515
.200	22.170	.15550	.05690	.10190	.16550	-.00056	-.00010	.00000	.00100	.42500	.03781
.200	24.200	.17770	.06990	.10820	.19120	-.00099	-.00020	.00000	.00100	.44200	.04065
.200	26.210	.19950	.08200	.11440	.21520	-.01454	-.00020	.00000	.00100	.45600	.04331
.200	28.250	.22110	.09590	.12780	.24020	-.02116	-.00010	.00000	.00100	.46100	.04684
.200	30.240	.24090	.11250	.12690	.26480	-.02418	-.00010	.00000	.00100	.47500	.04851
.200	GRADIENT	.0057	-.00163	.00456	.00629	-.00113	-.00112	.00000	.00000	.37119	.04017

REFERENCE DATA
 SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA
 ALPHA = .000 BDFLAP = -12.000

RUN NO. 444/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	-.02260	.01430	.00960	-.02260	.00967	.02790	-.00330	.06700	.88400	.02611
.200	-8.050	-.02700	.01530	.01180	-.02700	.01184	.02260	-.00240	.05200	.86000	.02317
.200	-6.050	-.02940	.01630	.01320	-.02940	.01322	.01700	-.00170	.03800	.85600	.02085
.200	-4.050	-.02900	.01540	.01300	-.02900	.01303	.01550	-.00100	.02400	.84800	.02042
.200	-2.000	-.02800	.01450	.01200	-.02800	.01207	.00580	-.00050	.01200	.84300	.02110
.200	-.020	-.02820	.01440	.01300	-.02820	.01304	-.00020	-.00010	.00100	.84000	.01972
.200	1.990	-.02770	.01460	.01220	-.02770	.01222	-.00610	.00030	-.01800	.84600	.02079
.200	4.010	-.02840	.01570	.01150	-.02840	.01156	-.01190	.00080	-.02300	.85500	.02204
.200	6.030	-.02820	.01690	.01050	-.02820	.01051	-.01140	.00140	-.03400	.87300	.02386
.200	8.030	-.02760	.01710	.00960	-.02760	.00964	-.02290	.00220	-.04900	.87900	.02563
.200	10.040	-.02520	.01650	.00840	-.02520	.00841	-.02830	.00300	-.06400	.89300	.02734
.200	GRADIENT	.00007	.00004	-.00014	.00007	-.00014	-.00293	.00022	-.00539	.00085	.00015

REFERENCE DATA
 SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA
 ALPHA = 5.000 BDFLAP = -12.000

RUN NO. 445/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

WACH	BETA	CL	CLM	CDF	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.01650	.03600	.00970	.01730	.00842	.02830	-.00380	.06700	-.11100	.02627
.200	-8.050	.01050	.03790	.01110	.01150	.01021	.02270	-.00390	.05400	-.155800	.02385
.200	-6.040	.00590	.03810	.01120	.00690	.01070	.01700	-.00210	.04000	-1.36800	.02309
.200	-4.020	.00320	.03900	.01220	.00420	.01191	.01120	-.00130	.02600	-2.71200	.02170
.200	-2.030	.00150	.03890	.01180	.00250	.01170	.00580	-.00060	.01300	-4.95200	.02181
.200	-.020	.00150	.03870	.01210	.00260	.01195	-.00030	.00000	.00100	-4.78200	.02147
.200	1.990	.00100	.03850	.01130	.00200	.01120	-.00030	.00040	-.00900	-6.25500	.02245
.200	4.010	.00340	.03920	.01190	.00440	.01158	-.00210	.00110	-.02200	-2.57200	.02242
.200	6.030	.00570	.03870	.01150	.00670	.01095	-.01750	.00190	-.03600	-1.45100	.02320
.200	8.030	.01030	.03810	.01020	.00920	.00928	-.02330	.00270	-.05100	-.59700	.02503
.200	10.040	.01630	.03680	.00890	.01700	.00749	-.02910	.00360	-.06600	-1.14300	.02743
.200	GRADIENT	-.00000	.00000	-.00005	-.00000	-.00006	-.00292	.00029	-.00588	-.04981	.00010

Q4628 B26C9 F8 X9

(RDZ446) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 10.000 BDFLAP = -12.000

RUN NO. 446/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.05600	.01630	.05750	.05790	.00633	.02870	-.00460	.07100	.28700	.02852
.200	-8.070	.04880	.01650	.05860	.05100	.00777	.02320	-.00380	.05600	.22900	.02730
.200	-6.030	.04360	.01620	.05920	.04580	.00836	.01720	-.00290	.04100	.17600	.02659
.200	-4.030	.03860	.01630	.05960	.04090	.00933	.01120	-.00200	.02700	.11600	.02534
.200	-2.000	.03620	.01580	.06010	.03850	.00933	.00560	-.00100	.01400	.07700	.02426
.200	-.020	.03650	.01530	.05980	.03850	.00874	-.00020	-.00010	.00100	.08200	.02510
.200	1.990	.03720	.01560	.05970	.03940	.00893	-.00520	.00160	-.01000	.09400	.02514
.200	4.020	.03780	.01570	.05960	.03990	.00892	-.01200	.00170	-.02400	.10300	.02590
.200	6.040	.04280	.01540	.05940	.04480	.00774	-.01810	.00260	-.03900	.16400	.02749
.200	8.040	.04740	.01530	.05940	.04940	.00666	-.02410	.00350	-.05300	.20900	.02813
.200	10.050	.05370	.01520	.05870	.05550	.00560	-.02960	.00420	-.06900	.26300	.02891
GRADIENT	-.00003	-.00007	-.00007	-.00002	-.00005	-.00006	-.00290	.00046	-.00627	-.00045	.00010

Q4628 B26C9 F8 X9

(RDZ447) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
 LREF = 19.2299 INCHES YMRP = .0000 INCHES
 BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 15.000 BDFLAP = -12.000

RUN NO. 447/ 0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.10290	.02820	.07400	.10670	.00045	.02920	-.00600	.07300	.39300	.03357
.200	-8.060	.09520	.02740	.07620	.09910	.00172	.02330	-.00490	.05700	.36900	.03331
.200	-6.050	.08840	.02710	.07660	.09250	.00315	.01720	-.00380	.04200	.34700	.03261
.200	-4.030	.08470	.02740	.07770	.08890	.00447	.01120	-.00260	.02700	.33000	.03156
.200	-2.010	.08200	.02620	.07870	.08600	.00403	.00550	-.00140	.01400	.31500	.03154
.200	.000	.07920	.02670	.07970	.08340	.00517	-.00030	-.00010	.00100	.30000	.02972
.200	1.930	.08720	.02610	.07940	.08430	.00540	-.00530	.00100	-.01200	.31600	.03149
.200	4.000	.08310	.02610	.07970	.08700	.00363	-.01200	.00200	-.02100	.31900	.03219
.200	6.024	.07670	.02620	.07770	.09020	.00271	-.01800	.00340	-.04000	.31600	.03290
.200	8.110	.07350	.02630	.07710	.09300	.00168	-.02400	.00450	-.05600	.36700	.03361
.200	10.060	.07200	.02740	.07640	.09570	.00033	-.03100	.00560	-.07300	.38600	.03455
GRADIENT	-.00025	-.00025	.00000	.00013	-.00007	-.00007	-.00298	.00060	-.00647	-.00060	.00010

OM628 B26C9 F8 X9

(RDZ448) (07 JUN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 19.2289 INCHES YMRP = .0050 INCHES
BREF = 37.9359 INCHES ZMRP = 15.1875 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ALPHA = 20.000 BDFLAP = -12.000

RUN NO. 448/0 RN/L = 1.42 GRADIENT INTERVAL = -6.00/ 6.00

MACH	BETA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.200	-10.050	.16210	.03380	.08760	.17070	-.00345	.02880	-.00690	.06900	.46300	.03932
.200	-8.040	.15210	.03110	.09020	.16040	-.00450	.02310	-.00570	.05300	.44500	.03822
.200	-6.030	.14290	.04980	.09310	.15140	-.00249	.01710	-.00440	.03800	.42500	.03605
.200	-4.000	.13660	.04820	.09320	.14490	-.00185	.01110	-.00310	.02500	.41000	.03554
.200	-2.010	.13470	.04640	.09640	.14250	-.00285	.00550	-.00170	.01200	.40300	.03593
.200	-.010	.13370	.04700	.09650	.14170	-.00193	-.00020	-.00010	.00000	.40100	.03494
.200	2.000	.13440	.04610	.09670	.14210	-.00306	-.00580	.00130	-.01300	.40100	.03601
.200	4.020	.13630	.04700	.09620	.14410	-.00281	-.01160	.00280	-.02600	.40600	.03577
.200	6.060	.14330	.04830	.09530	.15110	-.00408	-.01780	.01420	-.04000	.42000	.03703
.200	8.070	.14960	.04910	.09310	.15740	-.00551	-.02390	.00550	-.05600	.43400	.03867
.200	10.060	.15920	.05130	.09170	.16720	-.00673	-.02960	.00680	-.07400	.45200	.03974
	GRADIENT	-.00204	-.00013	.00011	-.00010	-.00011	-.00283	.00074	-.00633	-.00050	.00003